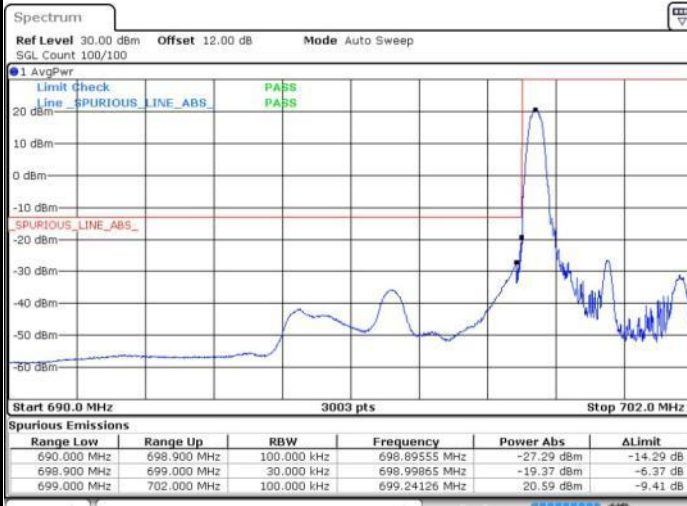




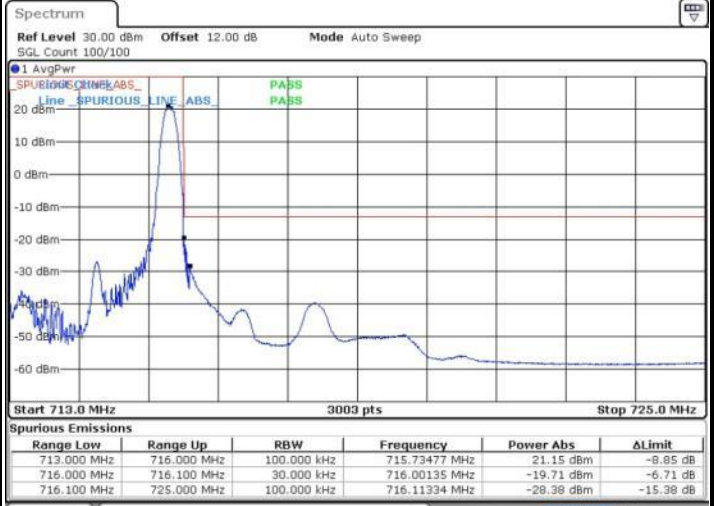
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



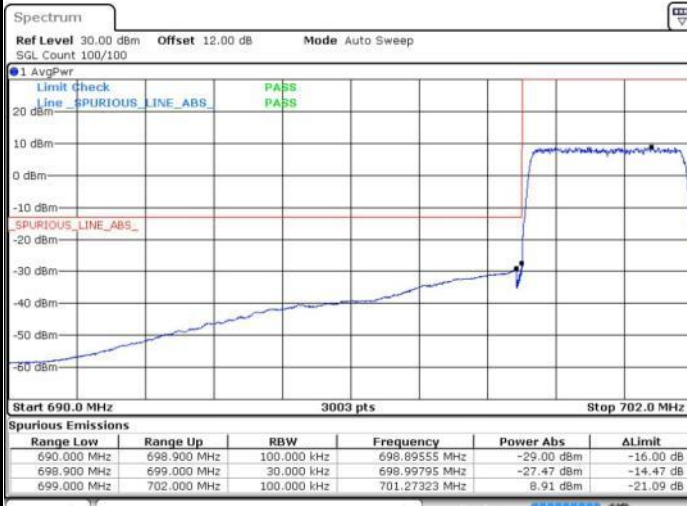
Date: 9 AUG 2015 17:39:42

Highest Band Edge / 1 RB



Date: 9 AUG 2015 17:52:21

Lowest Band Edge / Full RB



Date: 9 AUG 2015 17:37:47

Highest Band Edge / Full RB

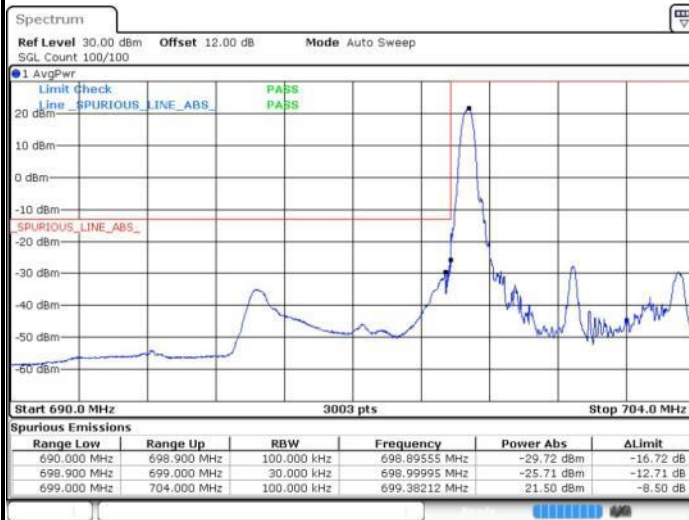


Date: 9 AUG 2015 17:50:27



LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB



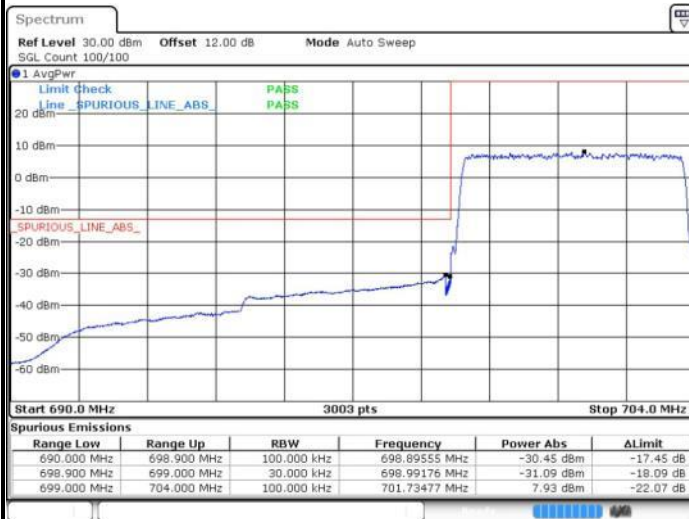
Date: 9 AUG 2015 18:04:23

Highest Band Edge / 1 RB



Date: 9 AUG 2015 18:15:08

Lowest Band Edge / Full RB



Date: 9 AUG 2015 17:58:40

Highest Band Edge / Full RB

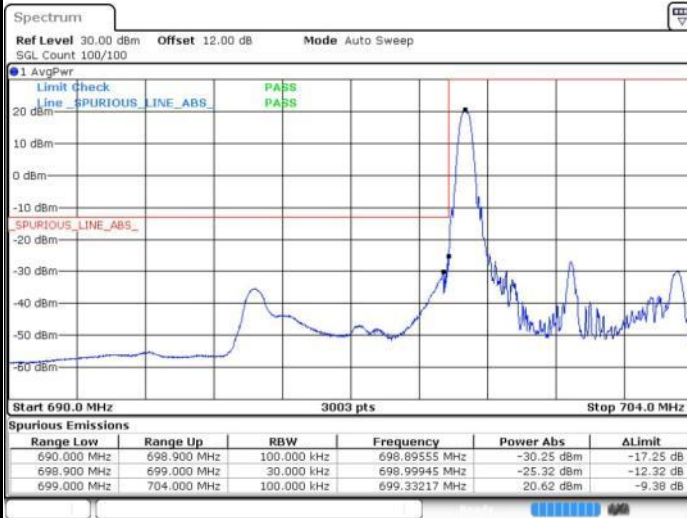


Date: 9 AUG 2015 18:11:19



LTE Band 12 / 5MHz / 16QAM

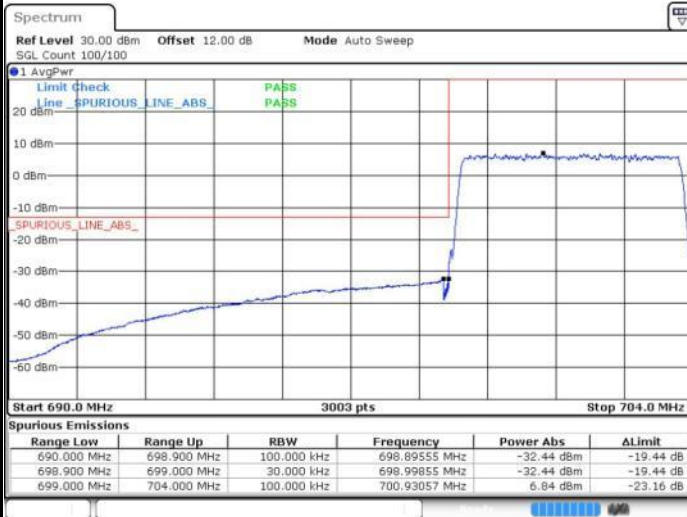
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



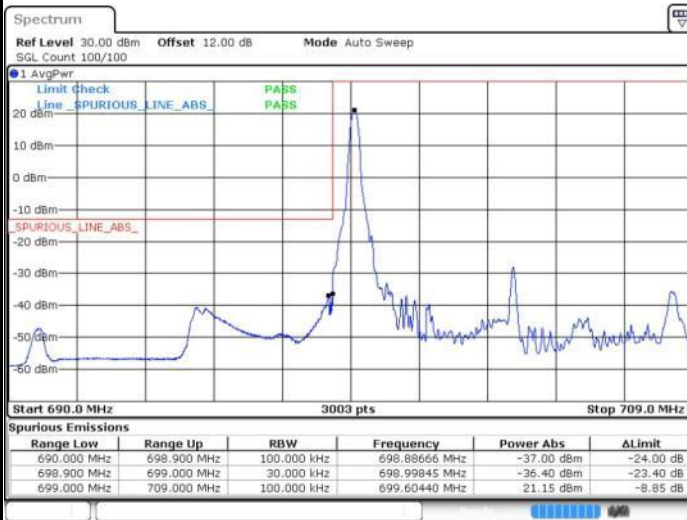
Highest Band Edge / Full RB





LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB



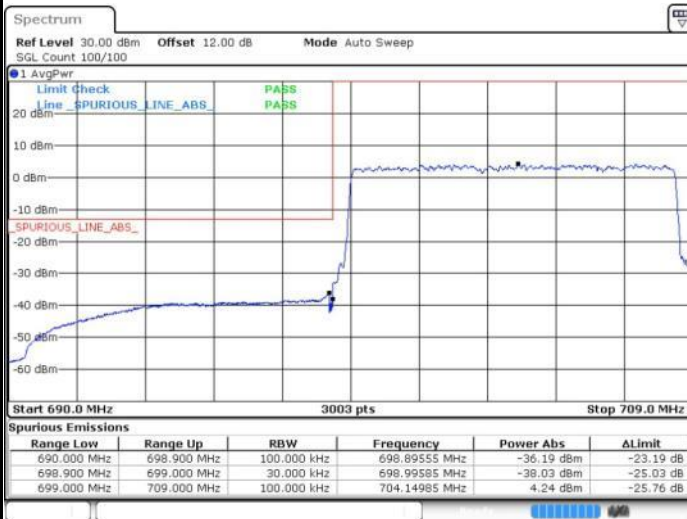
Date: 10 AUG 2015 10:01:39

Highest Band Edge / 1 RB



Date: 10 AUG 2015 10:15:13

Lowest Band Edge / Full RB



Date: 10 AUG 2015 09:50:50

Highest Band Edge / Full RB

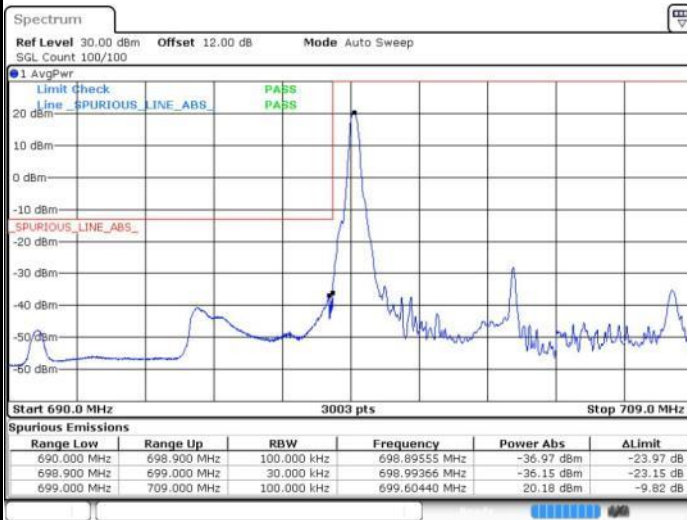


Date: 10 AUG 2015 10:09:17



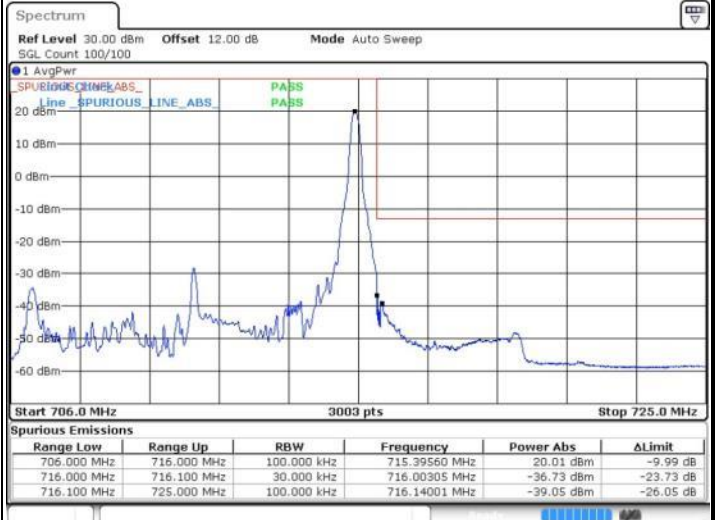
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



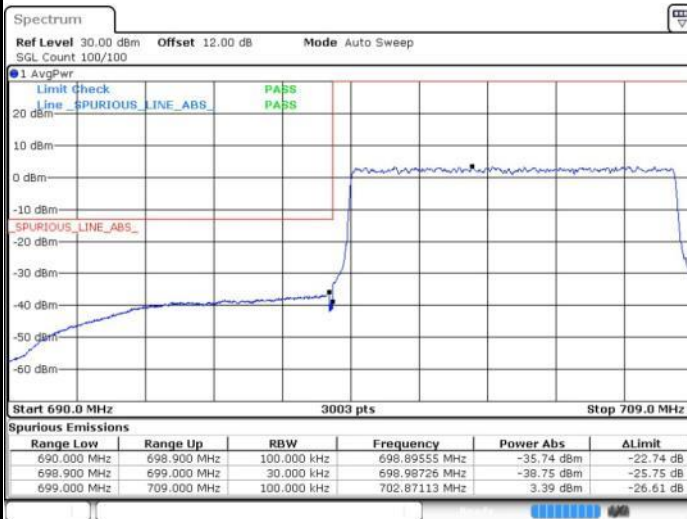
Date: 10 AUG 2015 21:25:20

Highest Band Edge / 1 RB



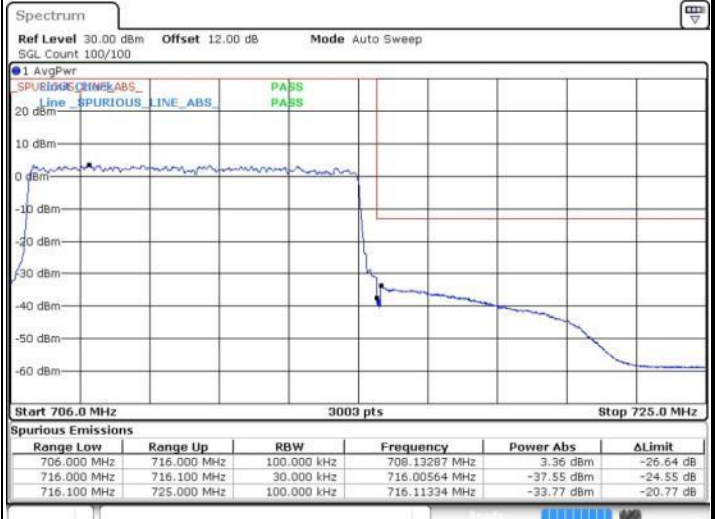
Date: 10 AUG 2015 10:13:14

Lowest Band Edge / Full RB



Date: 10 AUG 2015 21:26:43

Highest Band Edge / Full RB



Date: 10 AUG 2015 10:11:15



Conducted Spurious Emission



LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



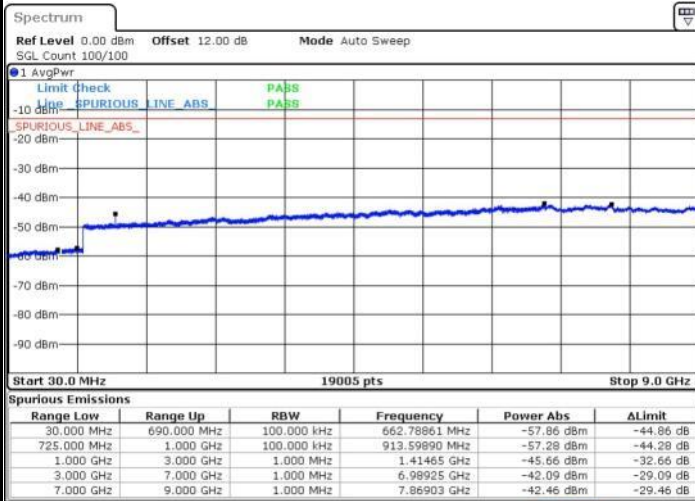
Date: 10.AUG.2015 10:32:52



Date: 10.AUG.2015 10:33:54

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 10.AUG.2015 10:36:43



Date: 10.AUG.2015 10:35:40



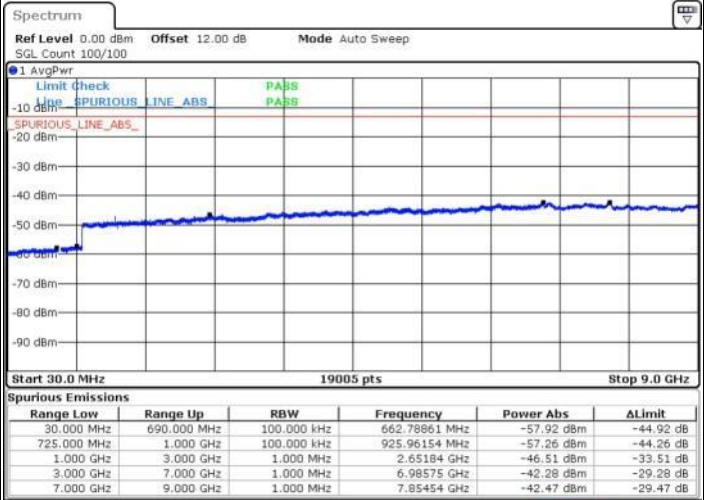
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 10.AUG.2015 10:46:22

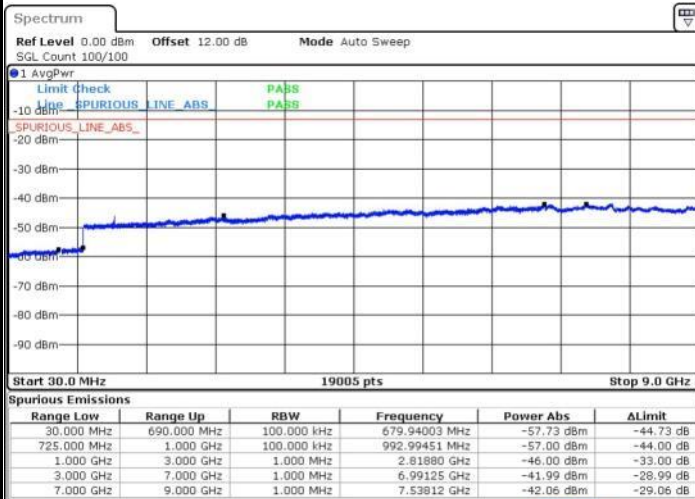
Highest Channel / 16QAM



Date: 10.AUG.2015 10:47:25

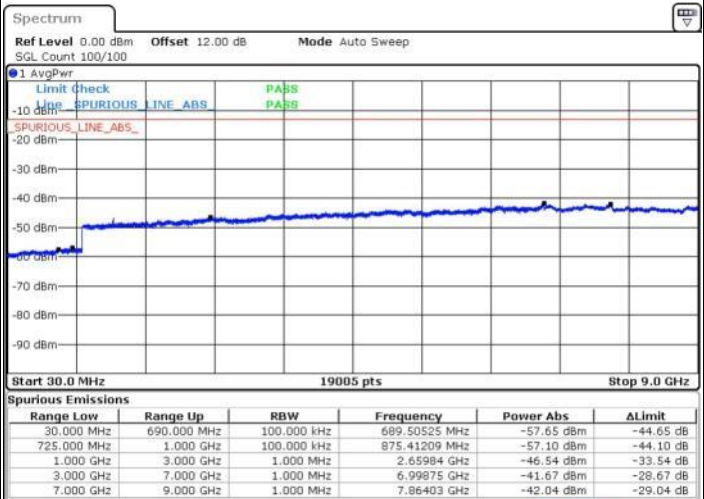
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 9.AUG.2015 17:42:31

Lowest Channel / 16QAM



Date: 9.AUG.2015 17:43:26



LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

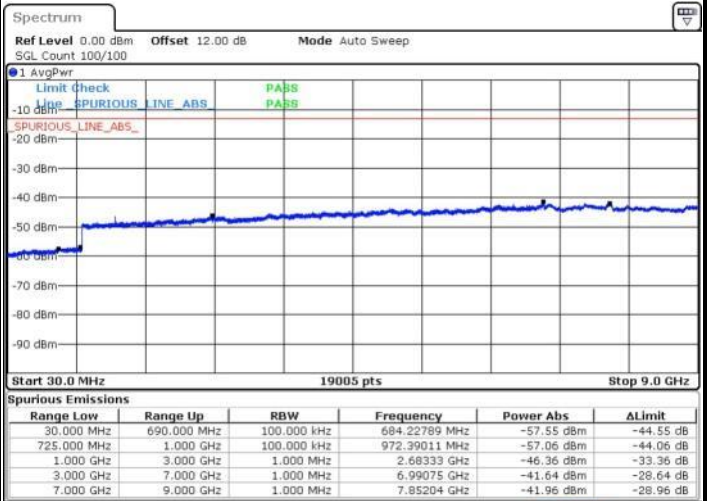
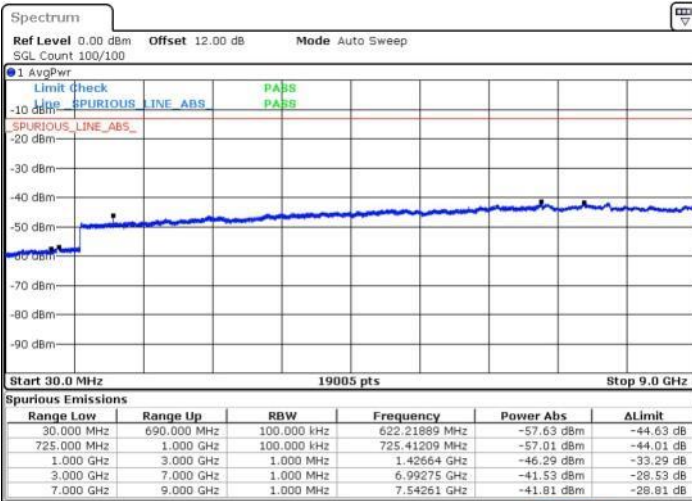


Date: 9 AUG 2015 17:45:57

Date: 9 AUG 2015 17:45:02

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 AUG 2015 17:55:10

Date: 9 AUG 2015 17:56:05



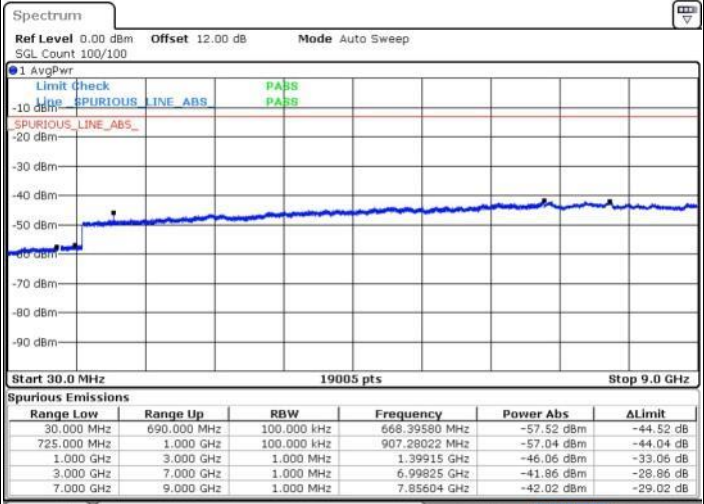
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 9 AUG 2015 18:05:18



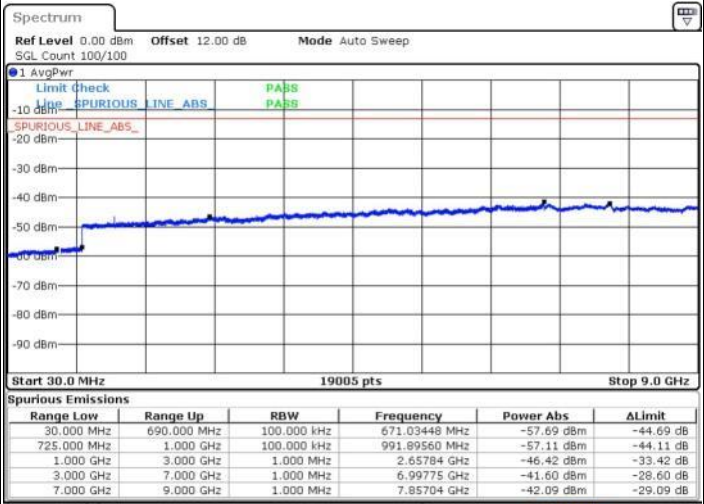
Date: 9 AUG 2015 18:06:12

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 9 AUG 2015 18:08:43

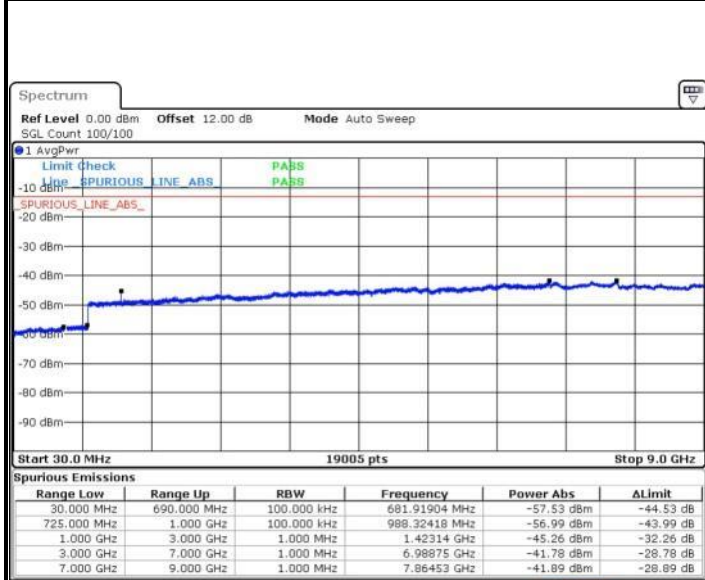


Date: 9 AUG 2015 18:07:49



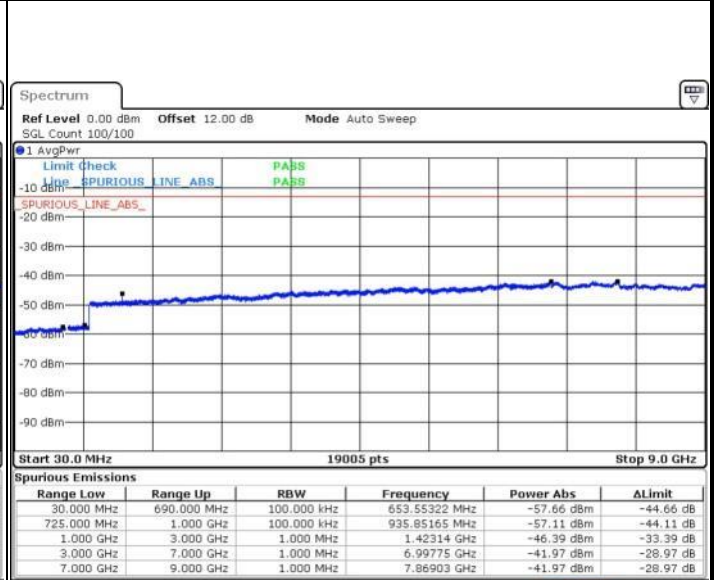
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 9 AUG 2015 18:18:52

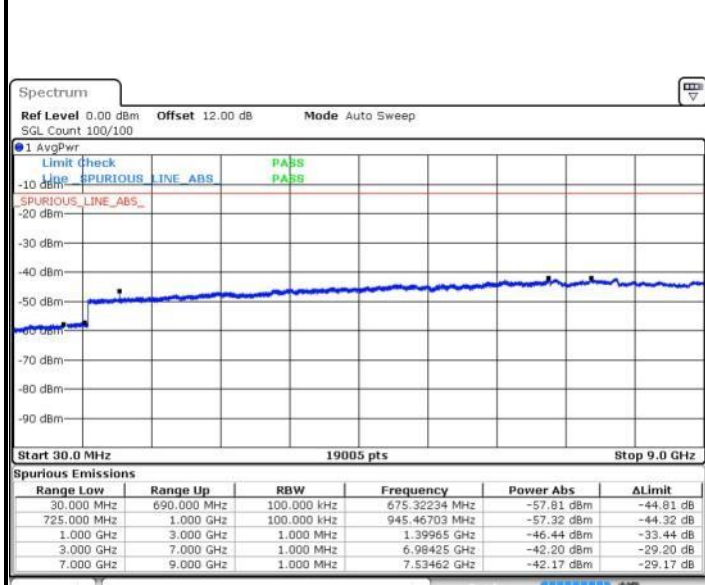
Highest Channel / 16QAM



Date: 9 AUG 2015 18:17:57

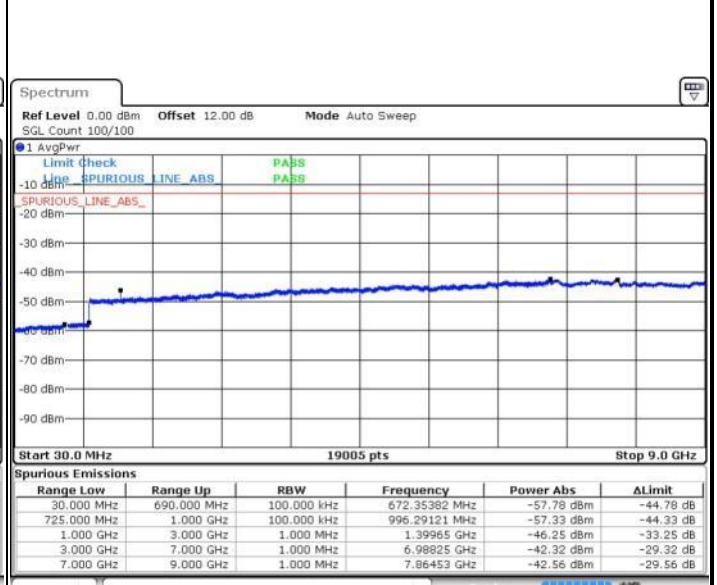
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 10 AUG 2015 21:27:30

Lowest Channel / 16QAM



Date: 10.AUG 2015 10:03:46



LTE Band 12 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

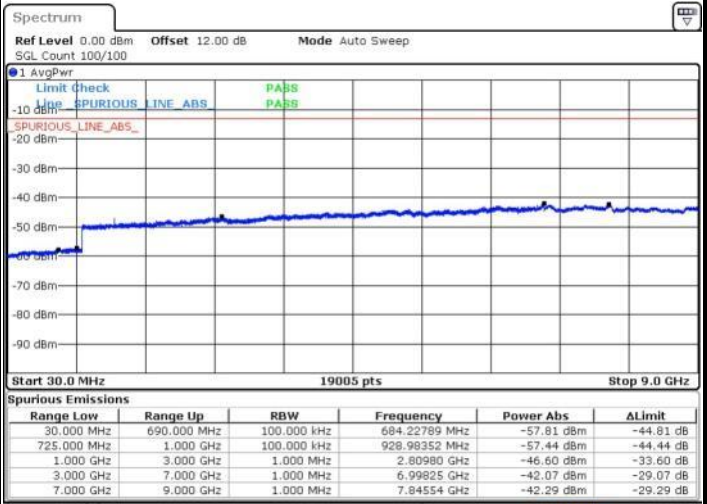


Date: 10.AUG.2015 10:06:36

Date: 10.AUG.2015 10:05:33

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.AUG.2015 10:16:17

Date: 10.AUG.2015 10:17:21



Frequency Stability

| Test Conditions | | LTE Band 12 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0123 | PASS |
| 40 | Normal Voltage | 0.0120 | |
| 30 | Normal Voltage | 0.0100 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0095 | |
| 0 | Normal Voltage | 0.0011 | |
| -10 | Normal Voltage | 0.0003 | |
| -20 | Normal Voltage | 0.0113 | |
| -30 | Normal Voltage | 0.0112 | |
| 20 | Maximum Voltage | 0.0110 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0008 | |

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 17

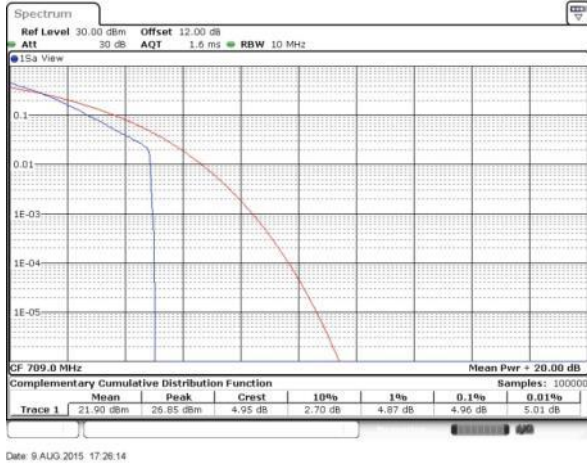
Peak-to-Average Ratio

| Mode | LTE Band 17 / 10MHz | | | | |
|------------|---------------------|---------|-------|---------|-------------|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 4.96 | 5.01 | 6 | 6 | PASS |
| Middle CH | 5.01 | 5.1 | 6.49 | 5.97 | |
| Highest CH | 5.13 | 5.13 | 6.32 | 6.03 | |



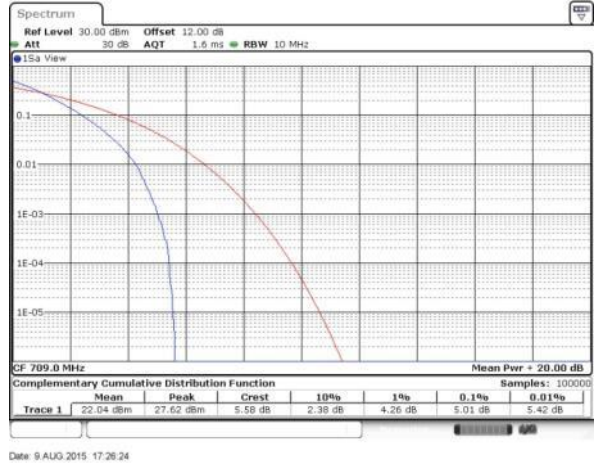
LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



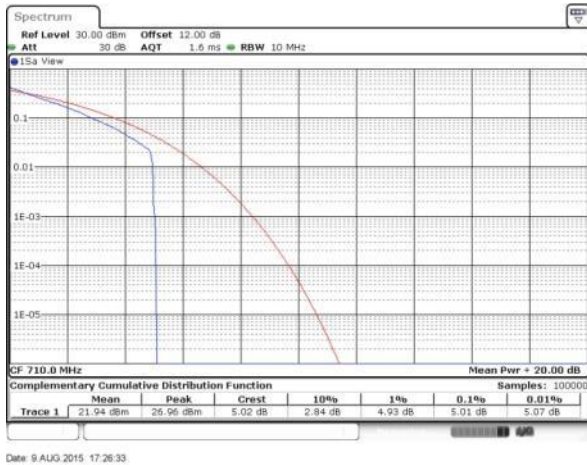
Date: 9 AUG 2015 17:26:14

Lowest Channel / Full RB



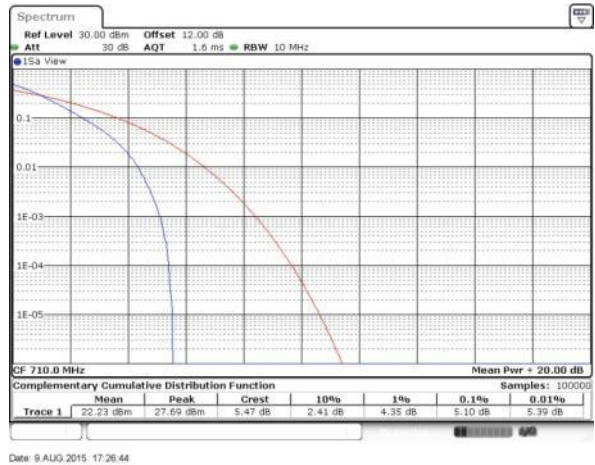
Date: 9 AUG 2015 17:26:24

Middle Channel / 1RB



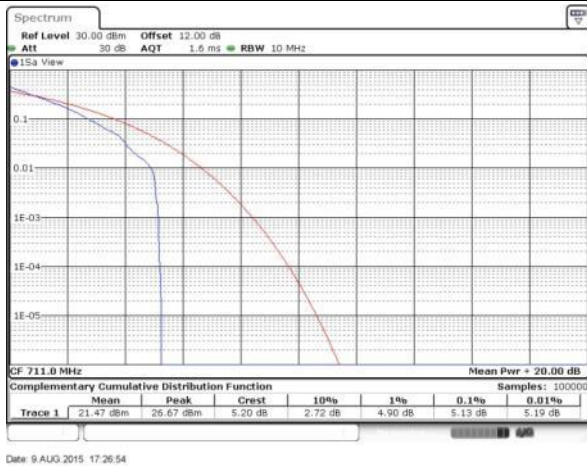
Date: 9 AUG 2015 17:26:33

Middle Channel / Full RB



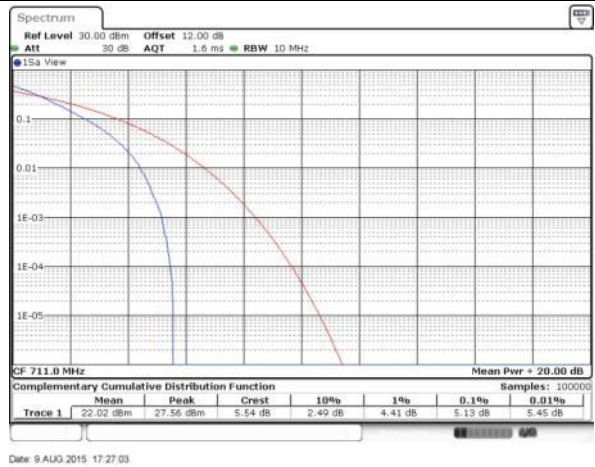
Date: 9 AUG 2015 17:26:44

Highest Channel / 1RB



Date: 9 AUG 2015 17:26:54

Highest Channel / Full RB

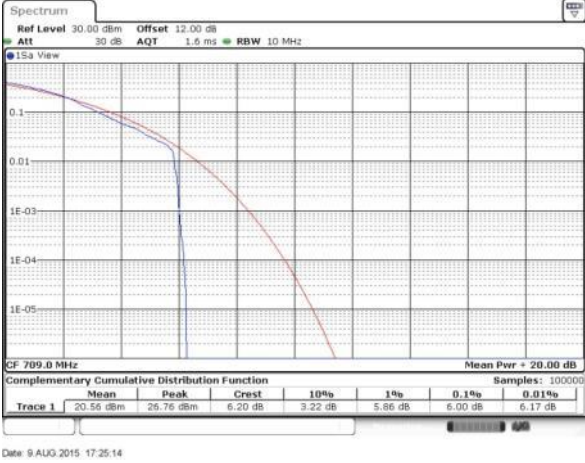


Date: 9 AUG 2015 17:27:03

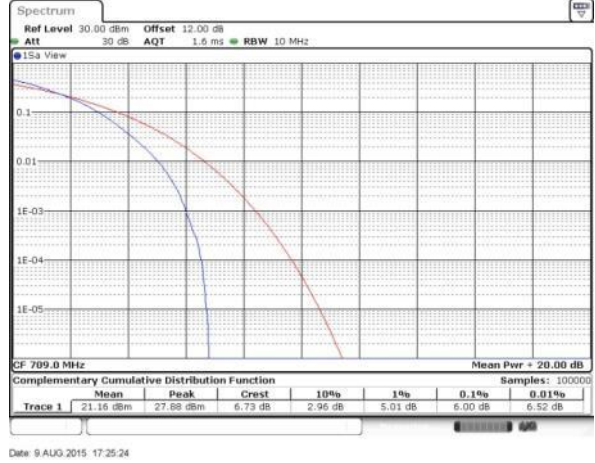


LTE Band 17 / 10MHz / 16QAM

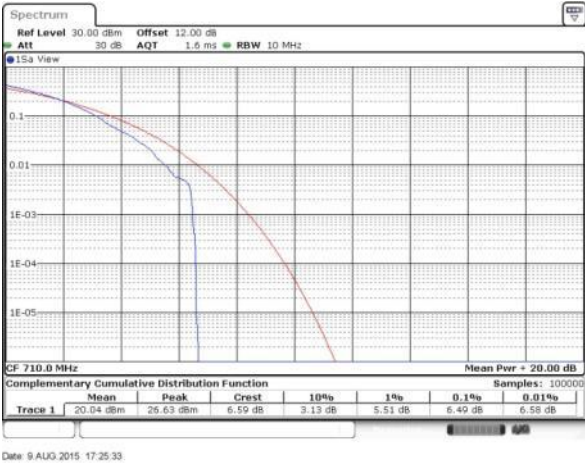
Lowest Channel / 1RB



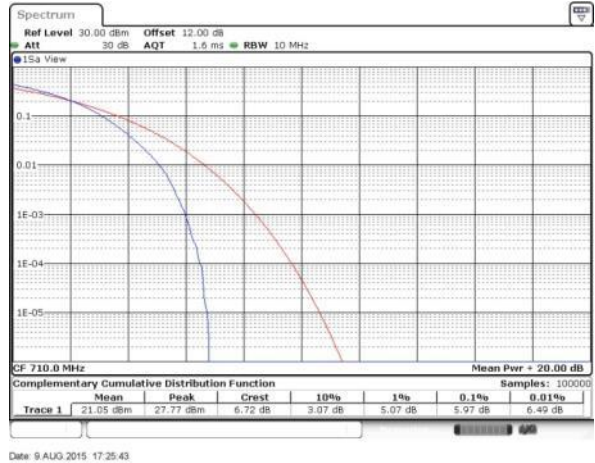
Lowest Channel / Full RB



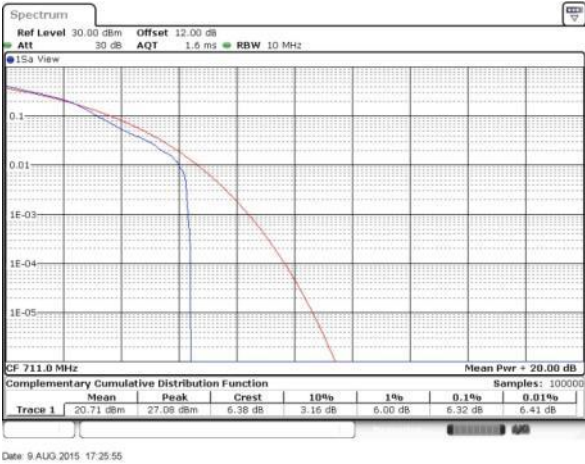
Middle Channel / 1RB



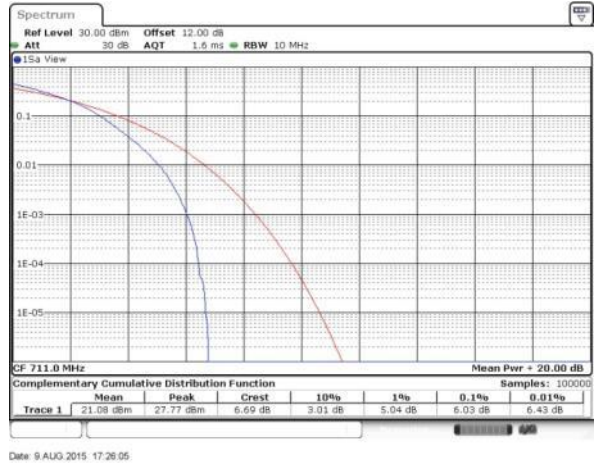
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





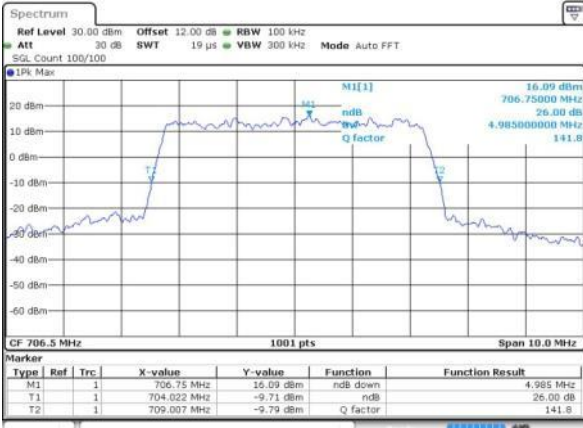
26dB Bandwidth

| Mode | LTE Band 17 : 26dB BW(MHz) | | | | | | | | | | | |
|------------|----------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| BW | | | | | | | | | | | | |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.99 | 4.87 | 9.63 | 9.77 | - | - | - | - |
| Middle CH | - | - | - | - | 4.89 | 4.89 | 9.81 | 9.77 | - | - | - | - |
| Highest CH | - | - | - | - | 4.91 | 4.88 | 9.67 | 9.77 | - | - | - | - |



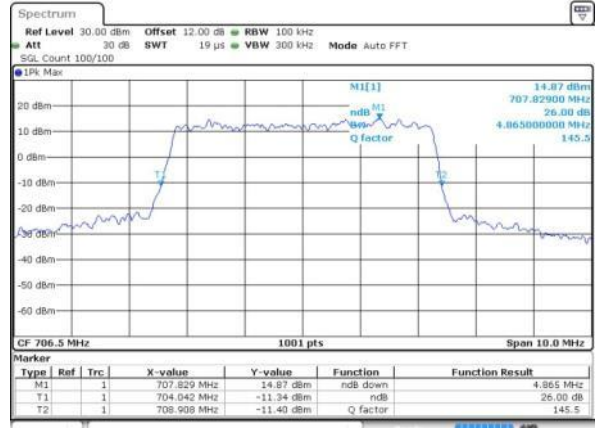
LTE Band 17

Lowest Channel / 5MHz / QPSK



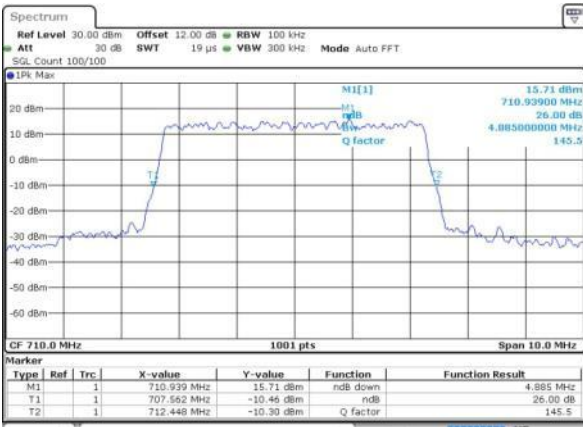
Date: 9 AUG 2015 16:32:38

Lowest Channel / 5MHz / 16QAM



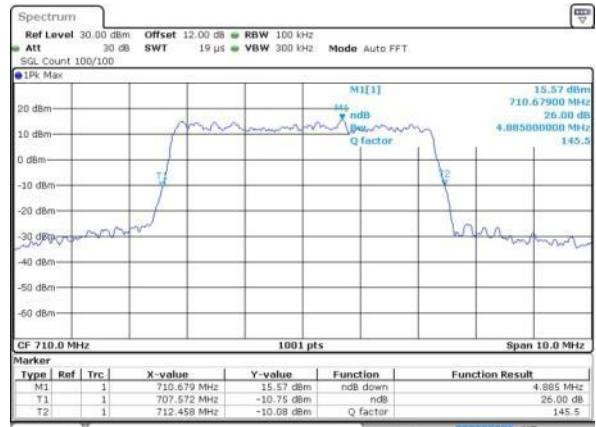
Date: 9 AUG 2015 16:32:48

Middle Channel / 5MHz / QPSK



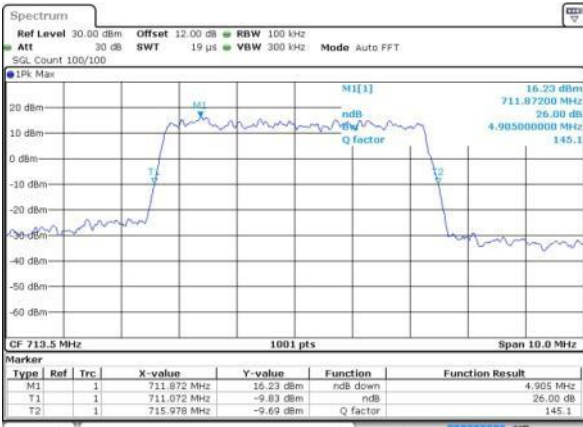
Date: 9 AUG 2015 16:42:46

Middle Channel / 5MHz / 16QAM



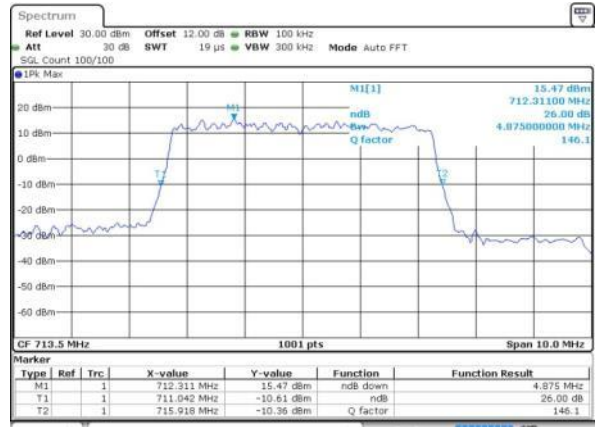
Date: 9 AUG 2015 16:42:56

Highest Channel / 5MHz / QPSK



Date: 9 AUG 2015 16:45:16

Highest Channel / 5MHz / 16QAM

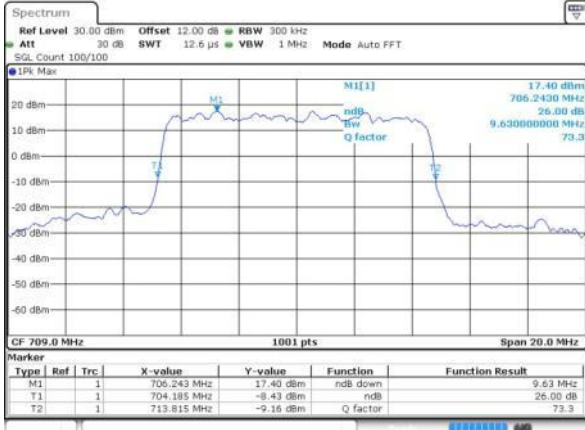


Date: 9 AUG 2015 16:45:27

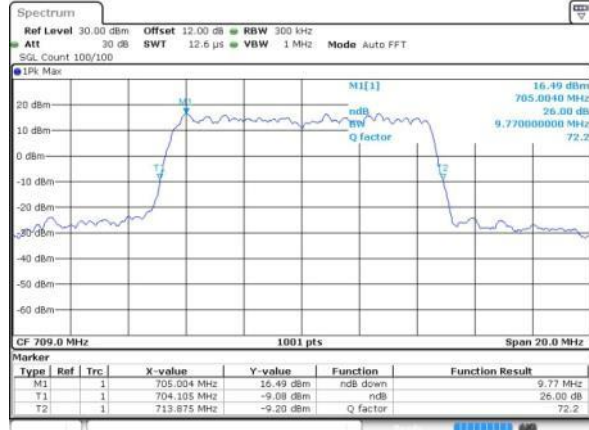


LTE Band 17

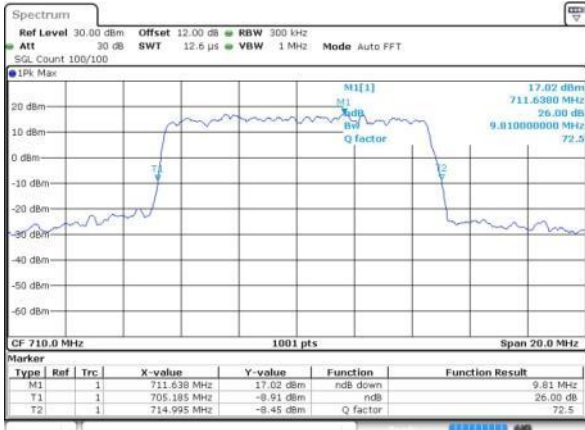
Lowest Channel / 10MHz / QPSK



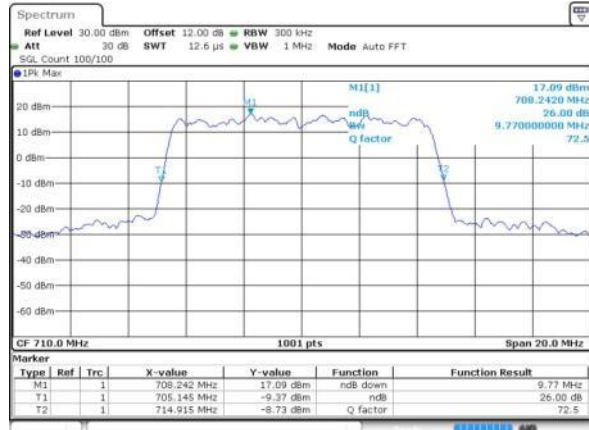
Lowest Channel / 10MHz / 16QAM



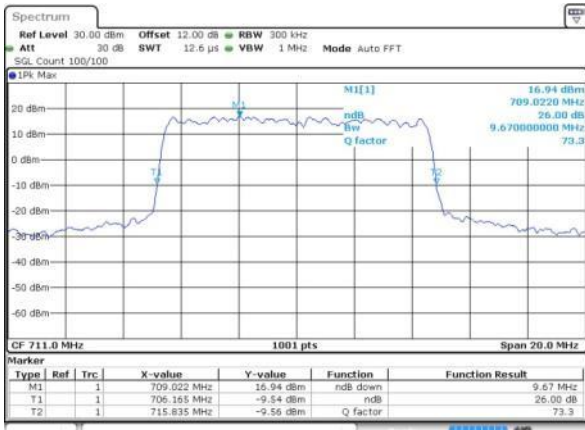
Middle Channel / 10MHz / QPSK



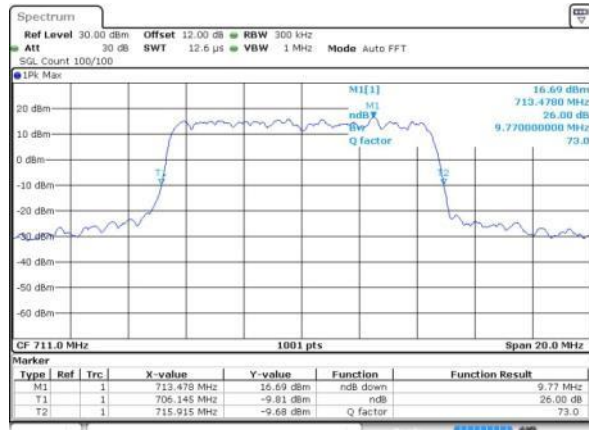
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM





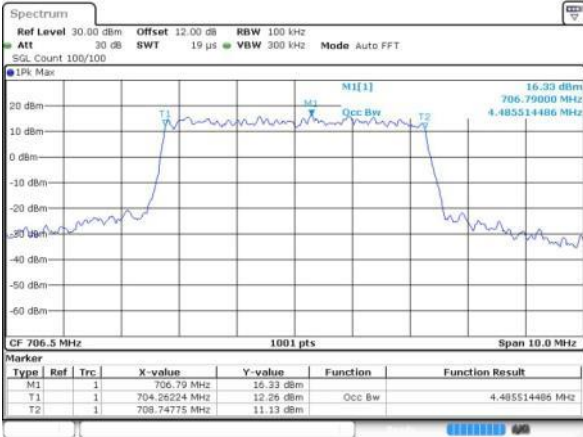
Occupied Bandwidth

| Mode | LTE Band 17 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| | 1.4MHz | | 3MHz | | 5MHz | | 10MHz | | 15MHz | | 20MHz | |
| BW | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Mod. | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK | 16QAM |
| Lowest CH | - | - | - | - | 4.49 | 4.5 | 9.01 | 9.03 | - | - | - | - |
| Middle CH | - | - | - | - | 4.47 | 4.5 | 9.01 | 8.99 | - | - | - | - |
| Highest CH | - | - | - | - | 4.47 | 4.49 | 9.03 | 9.03 | - | - | - | - |



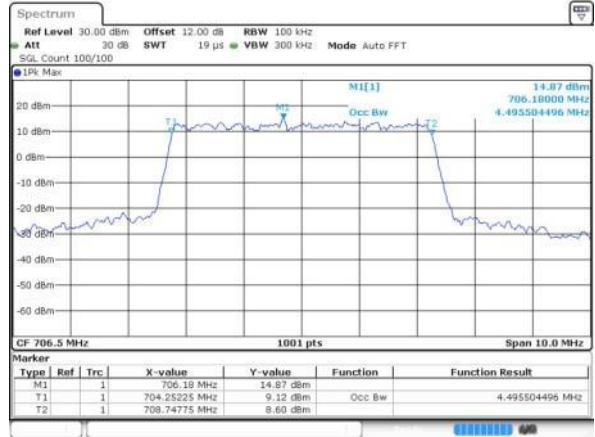
LTE Band 17

Lowest Channel / 5MHz / QPSK



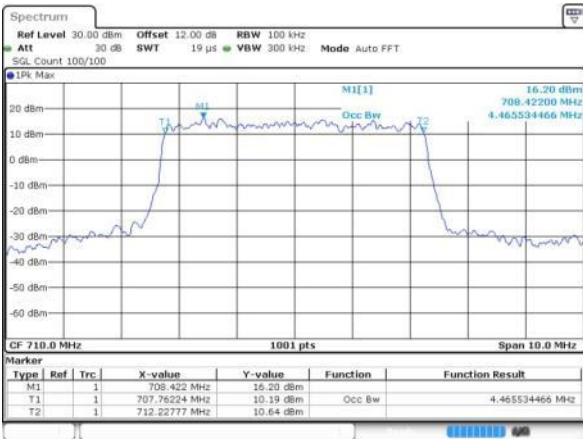
Date: 9 AUG 2015 16:32:17

Lowest Channel / 5MHz / 16QAM



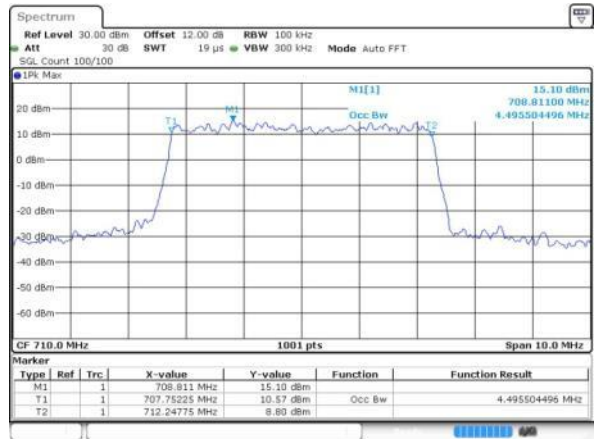
Date: 9 AUG 2015 16:32:27

Middle Channel / 5MHz / QPSK



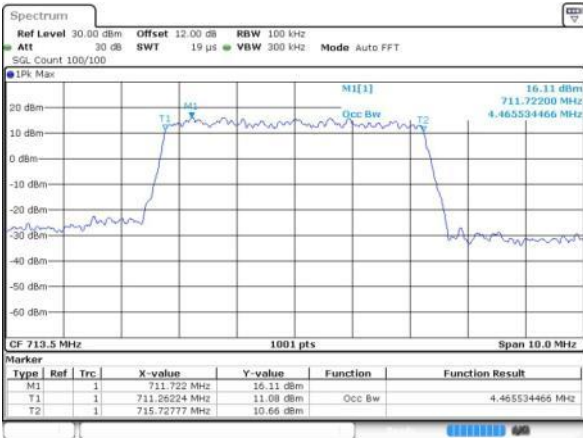
Date: 9 AUG 2015 16:42:24

Middle Channel / 5MHz / 16QAM



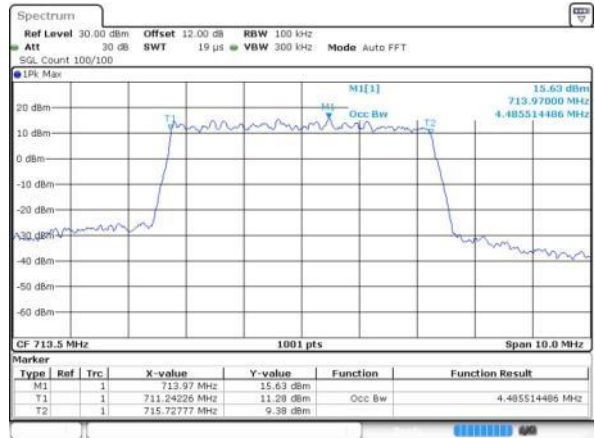
Date: 9 AUG 2015 16:42:35

Highest Channel / 5MHz / QPSK



Date: 9 AUG 2015 16:44:55

Highest Channel / 5MHz / 16QAM

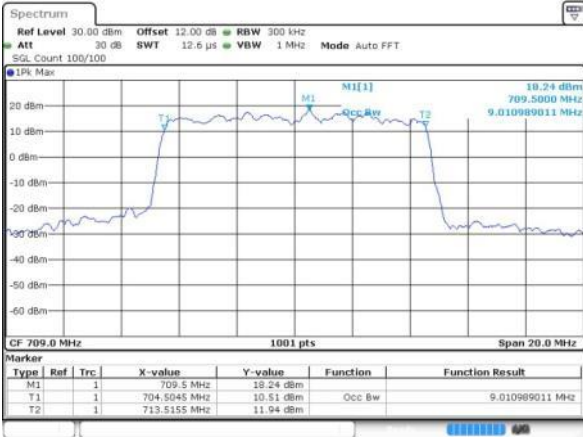


Date: 9 AUG 2015 16:45:06



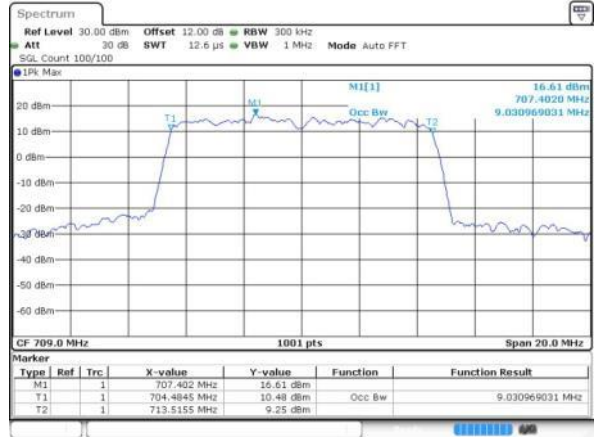
LTE Band 17

Lowest Channel / 10MHz / QPSK



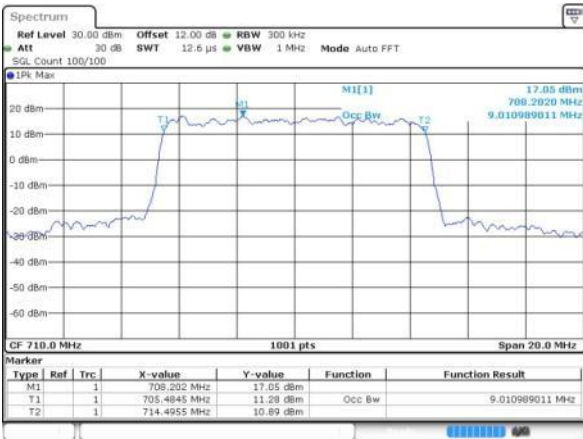
Date: 9 AUG 2015 16:55:03

Lowest Channel / 10MHz / 16QAM



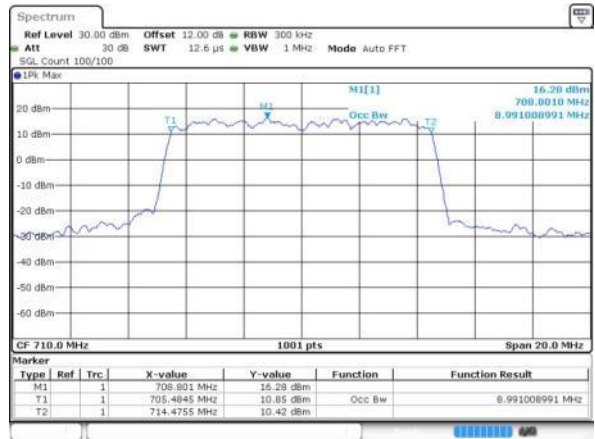
Date: 9 AUG 2015 16:55:14

Middle Channel / 10MHz / QPSK



Date: 9 AUG 2015 17:05:11

Middle Channel / 10MHz / 16QAM



Date: 9 AUG 2015 17:05:22

Highest Channel / 10MHz / QPSK



Date: 9 AUG 2015 17:09:42

Highest Channel / 10MHz / 16QAM



Date: 9 AUG 2015 17:09:53

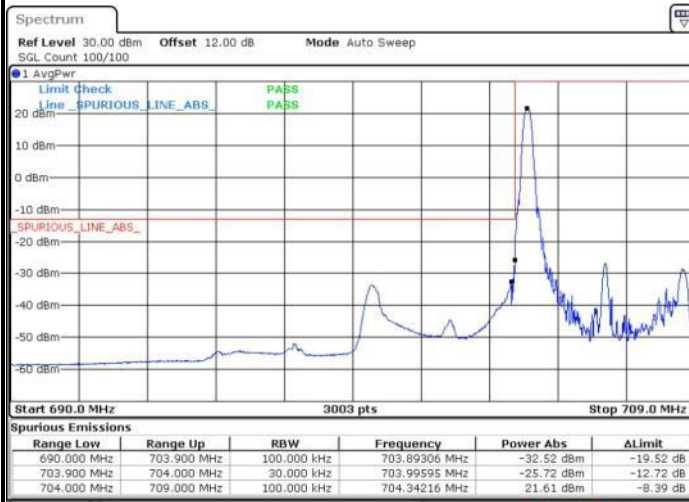


Conducted Band Edge



LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB



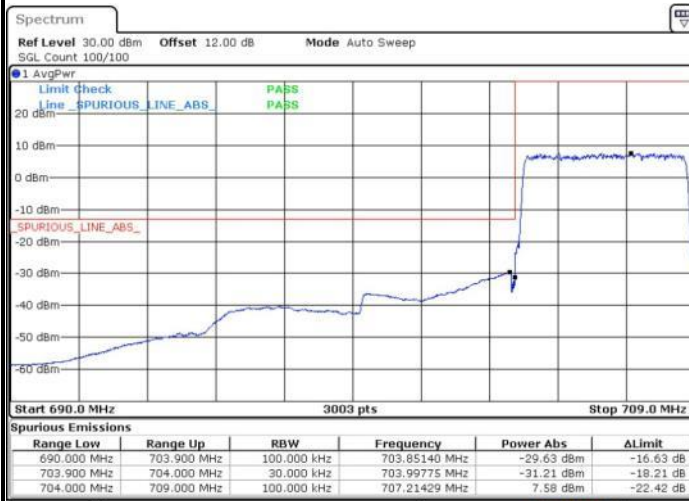
Date: 9 AUG 2015 16:34:42

Highest Band Edge / 1 RB



Date: 9 AUG 2015 16:47:21

Lowest Band Edge / Full RB



Date: 9 AUG 2015 16:38:30

Highest Band Edge / Full RB

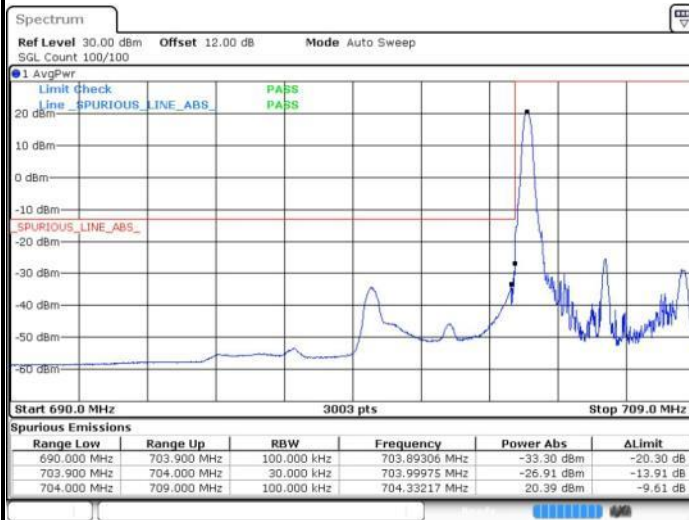


Date: 9 AUG 2015 16:51:09



LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



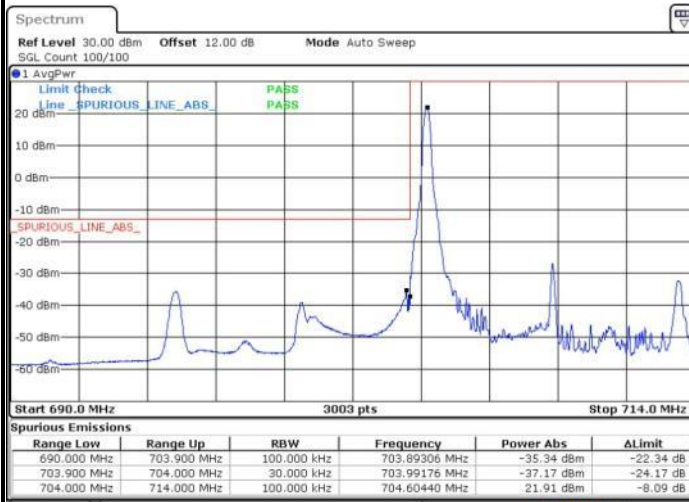
Highest Band Edge / Full RB





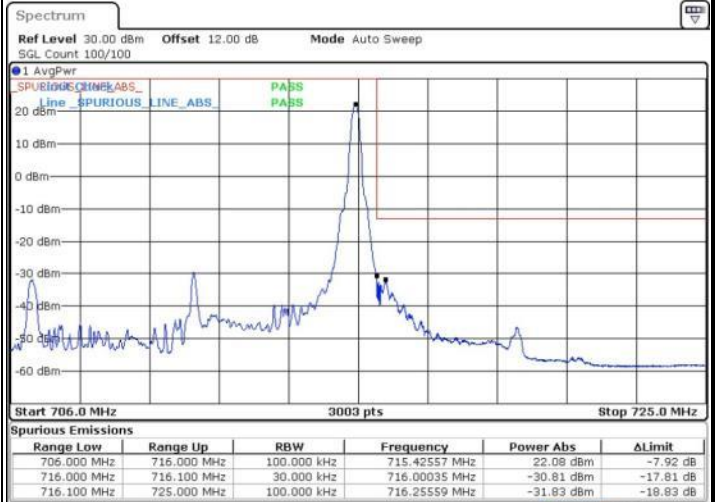
LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / 1 RB



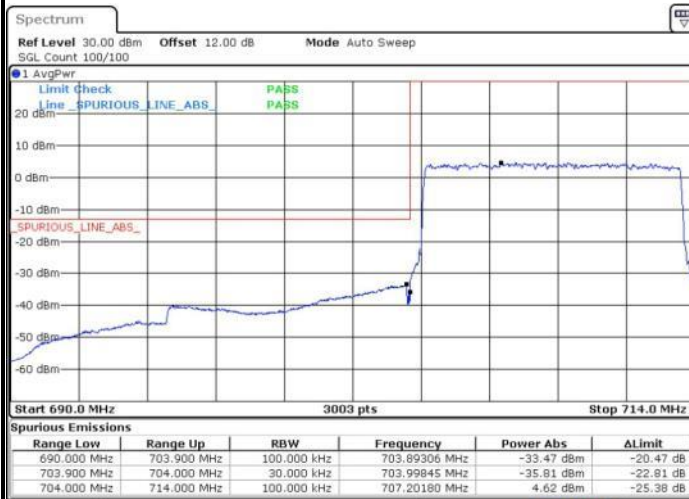
Date: 9 AUG 2015 16:57:29

Highest Band Edge / 1 RB



Date: 9 AUG 2015 17:12:08

Lowest Band Edge / Full RB



Date: 9 AUG 2015 17:01:17

Highest Band Edge / Full RB

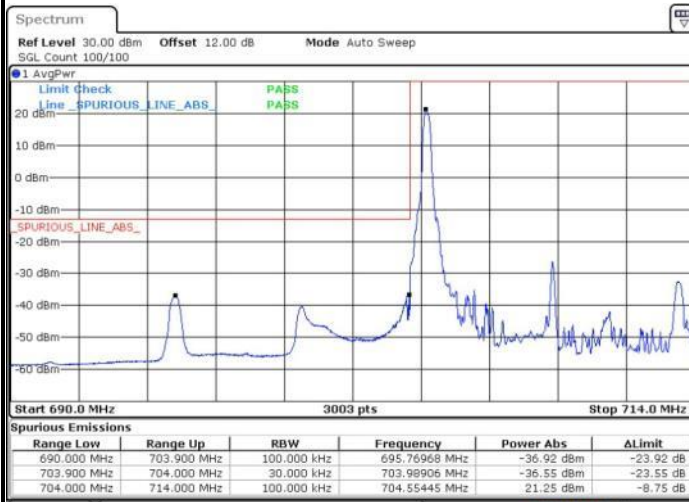


Date: 9 AUG 2015 17:15:57



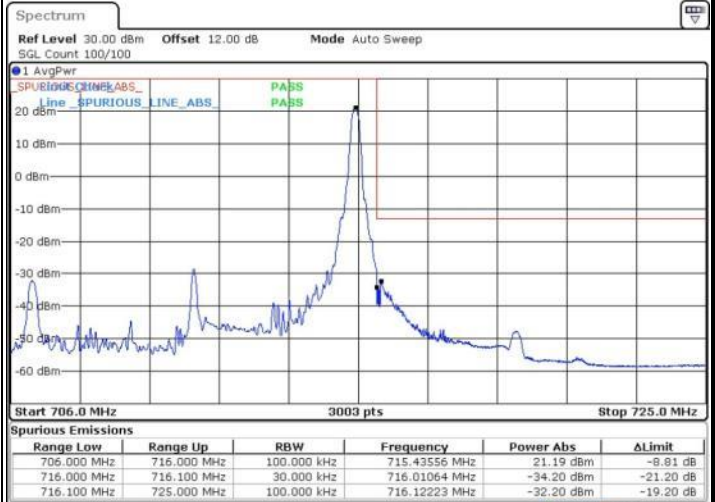
LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



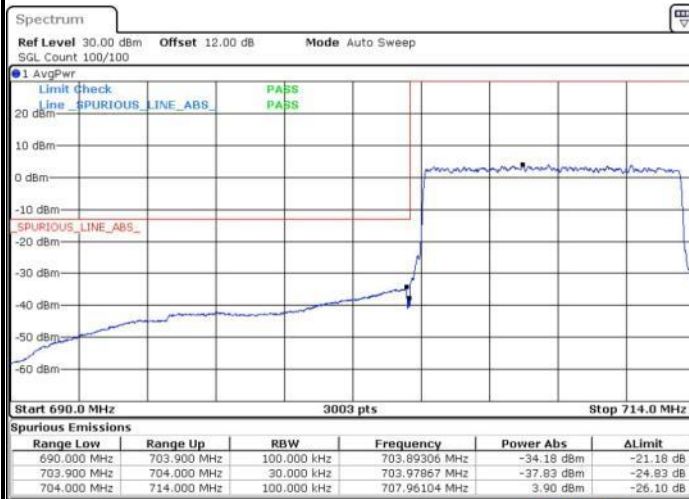
Date: 9 AUG 2015 16:58:23

Highest Band Edge / 1 RB



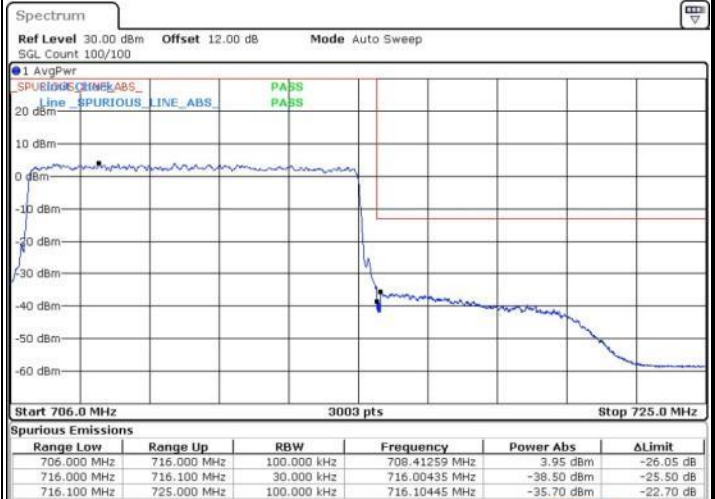
Date: 9 AUG 2015 17:14:02

Lowest Band Edge / Full RB



Date: 9 AUG 2015 17:03:11

Highest Band Edge / Full RB



Date: 9 AUG 2015 17:17:51



Conducted Spurious Emission



LTE Band 17 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

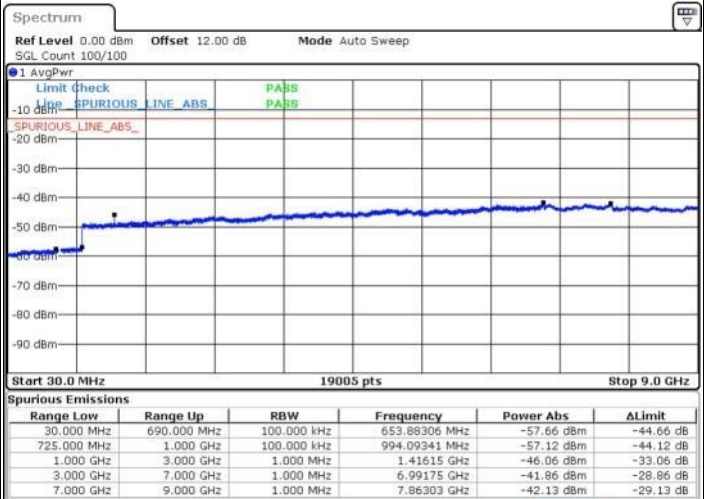


Date: 9 AUG 2015 16:41:20

Date: 9 AUG 2015 16:42:14

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 9 AUG 2015 16:43:51

Date: 9 AUG 2015 16:44:45



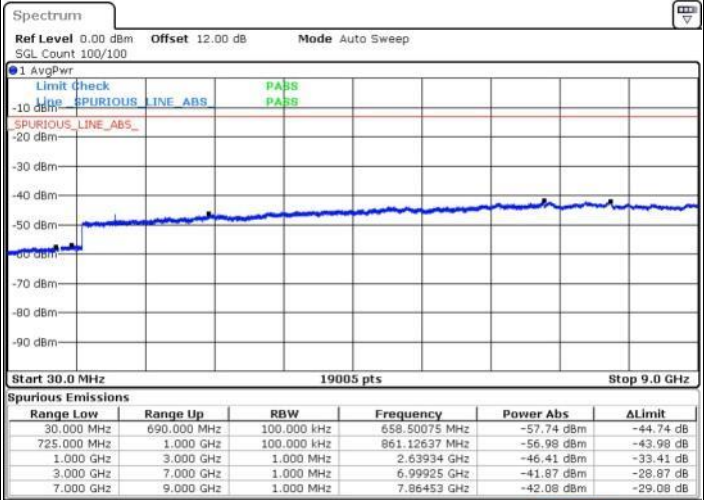
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 9 AUG 2015 16:53:58

Highest Channel / 16QAM



Date: 9 AUG 2015 16:54:53

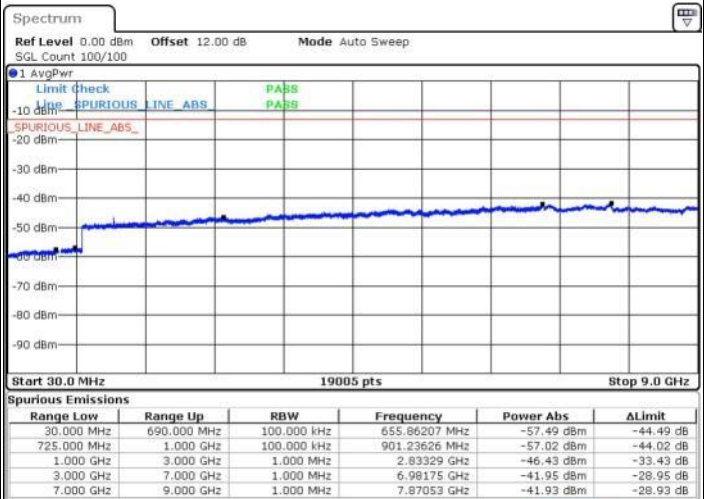
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 9 AUG 2015 17:04:06

Lowest Channel / 16QAM



Date: 9 AUG 2015 17:05:01



LTE Band 17 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 9 AUG 2015 17:08:37



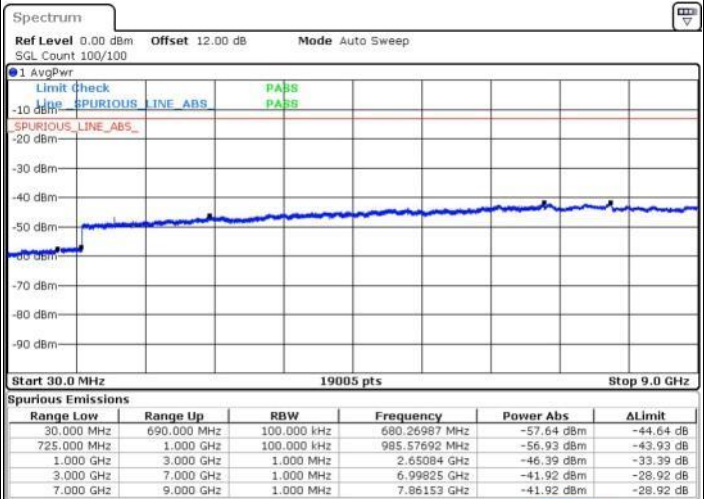
Date: 9 AUG 2015 17:09:32

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 AUG 2015 17:18:46



Date: 9 AUG 2015 17:19:40



Frequency Stability

| Test Conditions | | LTE Band 17 (QPSK) / Middle Channel | Limit |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt) | BW 10MHz | Note 2. |
| | | Deviation (ppm) | Result |
| 50 | Normal Voltage | 0.0124 | PASS |
| 40 | Normal Voltage | 0.0099 | |
| 30 | Normal Voltage | 0.0014 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0004 | |
| 0 | Normal Voltage | 0.0015 | |
| -10 | Normal Voltage | 0.0013 | |
| -20 | Normal Voltage | 0.0010 | |
| -30 | Normal Voltage | 0.0021 | |
| 20 | Maximum Voltage | 0.0003 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0006 | |

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

ERP/EIRP



| LTE Band 2 / 1.4MHz | | | | | | | |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 2 | 23.2300 | 0.2104 | 21.4200 | 0.1387 |
| Middle | | 1 | 2 | 24.0200 | 0.2523 | 22.2200 | 0.1667 |
| Highest | | 1 | 2 | 23.5400 | 0.2259 | 22.1500 | 0.1641 |
| Lowest | 16QAM | 1 | 5 | 22.1800 | 0.1652 | 20.3700 | 0.1089 |
| Middle | | 1 | 5 | 22.7700 | 0.1892 | 20.8100 | 0.1205 |
| Highest | | 1 | 5 | 22.7500 | 0.1884 | 21.2500 | 0.1334 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 2 / 3MHz | | | | | | | |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 7 | 23.4200 | 0.2198 | 21.8100 | 0.1517 |
| Middle | | 1 | 7 | 24.2400 | 0.2655 | 22.4400 | 0.1754 |
| Highest | | 1 | 7 | 23.9100 | 0.2460 | 22.2900 | 0.1694 |
| Lowest | 16QAM | 1 | 7 | 22.5300 | 0.1791 | 20.6800 | 0.1169 |
| Middle | | 1 | 7 | 23.4000 | 0.2188 | 21.3000 | 0.1349 |
| Highest | | 1 | 7 | 23.0100 | 0.2000 | 21.2000 | 0.1318 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 2 / 5MHz | | | | | | | |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.1600 | 0.2070 | 21.3000 | 0.1349 |
| Middle | | 1 | 0 | 23.8000 | 0.2399 | 21.9700 | 0.1574 |
| Highest | | 1 | 0 | 23.6600 | 0.2323 | 22.1200 | 0.1629 |
| Lowest | 16QAM | 1 | 12 | 22.3000 | 0.1698 | 20.4200 | 0.1102 |
| Middle | | 1 | 12 | 23.0500 | 0.2018 | 21.2100 | 0.1321 |
| Highest | | 1 | 12 | 22.8600 | 0.1932 | 21.4100 | 0.1384 |
| Limit | EIRP < 2W | | | Result | | PASS | |



| LTE Band 2 / 10MHz | | | | | | | |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 23.3400 | 0.2158 | 21.3100 | 0.1352 |
| Middle | | 1 | 0 | 23.9400 | 0.2477 | 22.1100 | 0.1626 |
| Highest | | 1 | 0 | 23.8000 | 0.2399 | 22.2500 | 0.1679 |
| Lowest | 16QAM | 1 | 0 | 22.3600 | 0.1722 | 20.2600 | 0.1062 |
| Middle | | 1 | 0 | 22.9400 | 0.1968 | 21.1400 | 0.1300 |
| Highest | | 1 | 0 | 23.0700 | 0.2028 | 21.3700 | 0.1371 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 2 / 15MHz | | | | | | | |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 36 | 0 | 22.8100 | 0.1910 | 20.8900 | 0.1227 |
| Middle | | 36 | 0 | 22.9700 | 0.1982 | 21.2400 | 0.1330 |
| Highest | | 36 | 0 | 22.9200 | 0.1959 | 21.2100 | 0.1321 |
| Lowest | 16QAM | 1 | 0 | 23.6600 | 0.2323 | 21.8100 | 0.1517 |
| Middle | | 1 | 0 | 23.9700 | 0.2495 | 22.1400 | 0.1637 |
| Highest | | 1 | 0 | 23.9300 | 0.2472 | 22.3100 | 0.1702 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 2 / 20MHz | | | | | | | |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 24.0200 | 0.2523 | 22.2400 | 0.1675 |
| Middle | | 1 | 0 | 24.2900 | 0.2685 | 22.5900 | 0.1816 |
| Highest | | 1 | 0 | 24.1400 | 0.2594 | 22.5100 | 0.1782 |
| Lowest | 16QAM | 1 | 0 | 23.1200 | 0.2051 | 21.5000 | 0.1413 |
| Middle | | 1 | 0 | 23.4200 | 0.2198 | 21.7300 | 0.1489 |
| Highest | | 1 | 0 | 23.3700 | 0.2173 | 21.7000 | 0.1479 |
| Limit | EIRP < 2W | | | Result | | PASS | |



| LTE Band 4 / 1.4MHz | | | | | | | |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 2 | 23.5159 | 0.2247 | 20.9932 | 0.1257 |
| Middle | | 1 | 2 | 22.8401 | 0.1923 | 19.8120 | 0.0958 |
| Highest | | 1 | 2 | 23.0377 | 0.2013 | 20.4344 | 0.1105 |
| Lowest | 16QAM | 1 | 2 | 22.3000 | 0.1698 | 19.2000 | 0.0832 |
| Middle | | 1 | 2 | 22.6200 | 0.1828 | 19.7100 | 0.0935 |
| Highest | | 1 | 2 | 22.9600 | 0.1977 | 20.4400 | 0.1107 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 4 / 3MHz | | | | | | | |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 7 | 23.2200 | 0.2099 | 19.9600 | 0.0991 |
| Middle | | 1 | 7 | 23.6100 | 0.2296 | 20.3500 | 0.1084 |
| Highest | | 1 | 7 | 23.5600 | 0.2270 | 21.1700 | 0.1309 |
| Lowest | 16QAM | 1 | 7 | 22.0200 | 0.1592 | 18.8800 | 0.0773 |
| Middle | | 1 | 7 | 22.6000 | 0.1820 | 19.6600 | 0.0925 |
| Highest | | 1 | 7 | 23.0400 | 0.2014 | 20.2800 | 0.1067 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 4 / 5MHz | | | | | | | |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 22.7700 | 0.1892 | 19.6500 | 0.0923 |
| Middle | | 1 | 0 | 23.3800 | 0.2178 | 20.2600 | 0.1062 |
| Highest | | 1 | 0 | 23.5100 | 0.2244 | 20.7400 | 0.1186 |
| Lowest | 16QAM | 1 | 12 | 21.8100 | 0.1517 | 18.7700 | 0.0753 |
| Middle | | 1 | 12 | 22.6200 | 0.1828 | 19.4000 | 0.0871 |
| Highest | | 1 | 12 | 22.7900 | 0.1901 | 20.1000 | 0.1023 |
| Limit | EIRP < 1W | | | Result | | PASS | |



| LTE Band 4/ 10MHz | | | | | | | |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 22.7700 | 0.1892 | 19.6900 | 0.0931 |
| Middle | | 1 | 0 | 23.1700 | 0.2075 | 20.1500 | 0.1035 |
| Highest | | 1 | 0 | 23.5000 | 0.2239 | 20.5100 | 0.1125 |
| Lowest | 16QAM | 1 | 0 | 22.0900 | 0.1618 | 19.0400 | 0.0802 |
| Middle | | 1 | 0 | 22.4400 | 0.1754 | 19.4700 | 0.0885 |
| Highest | | 1 | 0 | 22.6600 | 0.1845 | 19.6400 | 0.0920 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 4 / 15MHz | | | | | | | |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 22.6800 | 0.1854 | 19.5300 | 0.0897 |
| Middle | | 1 | 0 | 23.1900 | 0.2084 | 20.1100 | 0.1026 |
| Highest | | 1 | 0 | 23.3800 | 0.2178 | 20.3100 | 0.1074 |
| Lowest | 16QAM | 1 | 37 | 22.1100 | 0.1626 | 19.0000 | 0.0794 |
| Middle | | 1 | 37 | 22.2400 | 0.1675 | 19.5800 | 0.0908 |
| Highest | | 1 | 37 | 22.4100 | 0.1742 | 19.5800 | 0.0908 |
| Limit | EIRP < 1W | | | Result | | PASS | |

| LTE Band 4 / 20MHz | | | | | | | |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 22.6900 | 0.1858 | 19.6400 | 0.0920 |
| Middle | | 1 | 0 | 23.3400 | 0.2158 | 20.1400 | 0.1033 |
| Highest | | 1 | 0 | 23.2600 | 0.2118 | 20.2500 | 0.1059 |
| Lowest | 16QAM | 1 | 0 | 22.0400 | 0.1600 | 18.8700 | 0.0771 |
| Middle | | 1 | 0 | 22.5300 | 0.1791 | 19.3500 | 0.0861 |
| Highest | | 1 | 0 | 22.5200 | 0.1786 | 19.5100 | 0.0893 |
| Limit | EIRP < 1W | | | Result | | PASS | |



| LTE Band 5 / 1.4MHz | | | | | | | |
|---------------------|------------|------|--------|------------|--------|----------|--------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | ERP(dBm) | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 17.3900 | 0.0548 | 7.4800 | 0.0056 |
| Middle | | 1 | 0 | 17.9100 | 0.0618 | 7.8100 | 0.0060 |
| Highest | | 1 | 0 | 17.9500 | 0.0624 | 7.6600 | 0.0058 |
| Lowest | 16QAM | 1 | 0 | 16.6400 | 0.0461 | 6.7400 | 0.0047 |
| Middle | | 1 | 0 | 17.2800 | 0.0535 | 6.9000 | 0.0049 |
| Highest | | 1 | 0 | 17.2200 | 0.0527 | 6.9000 | 0.0049 |
| Limit | ERP < 7W | | | Result | | PASS | |

| LTE Band 5 / 3MHz | | | | | | | |
|-------------------|------------|------|--------|------------|--------|----------|--------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | ERP(dBm) | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 7 | 17.9500 | 0.0624 | 7.6800 | 0.0059 |
| Middle | | 1 | 7 | 18.3700 | 0.0687 | 8.1300 | 0.0065 |
| Highest | | 1 | 7 | 18.1100 | 0.0647 | 7.6800 | 0.0059 |
| Lowest | 16QAM | 1 | 7 | 16.9300 | 0.0493 | 6.9200 | 0.0049 |
| Middle | | 1 | 7 | 17.4500 | 0.0556 | 7.3000 | 0.0054 |
| Highest | | 1 | 7 | 17.2600 | 0.0532 | 6.9300 | 0.0049 |
| Limit | ERP < 7W | | | Result | | PASS | |

| LTE Band 5 / 5MHz | | | | | | | |
|-------------------|------------|------|--------|------------|--------|----------|--------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | ERP(dBm) | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 17.3600 | 0.0545 | 7.5100 | 0.0056 |
| Middle | | 1 | 0 | 17.9200 | 0.0619 | 7.8400 | 0.0061 |
| Highest | | 1 | 0 | 17.9700 | 0.0627 | 7.7400 | 0.0059 |
| Lowest | 16QAM | 1 | 12 | 16.9300 | 0.0493 | 6.9000 | 0.0049 |
| Middle | | 1 | 12 | 17.6100 | 0.0577 | 7.1400 | 0.0052 |
| Highest | | 1 | 12 | 17.2900 | 0.0536 | 6.9700 | 0.0050 |
| Limit | ERP < 7W | | | Result | | PASS | |



| LTE Band 5 / 10MHz | | | | | | | |
|--------------------|------------|------|--------|------------|--------|----------|--------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | ERP(dBm) | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 17.4700 | 0.0558 | 7.6500 | 0.0058 |
| Middle | | 1 | 0 | 17.9700 | 0.0627 | 8.0100 | 0.0063 |
| Highest | | 1 | 0 | 18.0900 | 0.0644 | 8.0700 | 0.0064 |
| Lowest | 16QAM | 1 | 0 | 16.6400 | 0.0461 | 6.8400 | 0.0048 |
| Middle | | 1 | 0 | 17.2400 | 0.0530 | 7.2700 | 0.0053 |
| Highest | | 1 | 0 | 17.3500 | 0.0543 | 7.3000 | 0.0054 |
| Limit | ERP < 7W | | | Result | | PASS | |

| LTE Band 7 / 5MHz | | | | | | | |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 12 | 6 | 20.4300 | 0.1104 | 19.2200 | 0.0836 |
| Middle | | 12 | 6 | 20.7700 | 0.1194 | 19.2800 | 0.0847 |
| Highest | | 12 | 6 | 20.8000 | 0.1202 | 19.7500 | 0.0944 |
| Lowest | 16QAM | 1 | 12 | 20.6000 | 0.1148 | 19.4600 | 0.0883 |
| Middle | | 1 | 12 | 20.8200 | 0.1208 | 19.2400 | 0.0839 |
| Highest | | 1 | 12 | 20.7900 | 0.1199 | 19.7100 | 0.0935 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 7 / 10MHz | | | | | | | |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 22.1294 | 0.1633 | 20.7501 | 0.1189 |
| Middle | | 1 | 0 | 21.7985 | 0.1513 | 20.7479 | 0.1188 |
| Highest | | 1 | 0 | 22.0227 | 0.1593 | 21.2223 | 0.1325 |
| Lowest | 16QAM | 1 | 49 | 21.0400 | 0.1271 | 19.5300 | 0.0897 |
| Middle | | 1 | 49 | 20.6500 | 0.1161 | 19.3200 | 0.0855 |
| Highest | | 1 | 49 | 21.2000 | 0.1318 | 19.7200 | 0.0938 |
| Limit | EIRP < 2W | | | Result | | PASS | |



| LTE Band 7 / 15MHz | | | | | | | |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 37 | 21.3600 | 0.1368 | 20.0700 | 0.1016 |
| Middle | | 1 | 37 | 21.4800 | 0.1406 | 20.3300 | 0.1079 |
| Highest | | 1 | 37 | 21.7700 | 0.1503 | 20.5400 | 0.1132 |
| Lowest | 16QAM | 1 | 0 | 20.7400 | 0.1186 | 19.5600 | 0.0904 |
| Middle | | 1 | 0 | 20.8200 | 0.1208 | 19.6700 | 0.0927 |
| Highest | | 1 | 0 | 21.3200 | 0.1355 | 19.9300 | 0.0984 |
| Limit | EIRP < 2W | | | Result | | PASS | |

| LTE Band 7 / 20MHz | | | | | | | |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | EIRP(dBm) | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest | QPSK | 1 | 0 | 21.6700 | 0.1469 | 20.2400 | 0.1057 |
| Middle | | 1 | 0 | 21.4800 | 0.1406 | 20.5300 | 0.1130 |
| Highest | | 1 | 0 | 21.6600 | 0.1466 | 20.6300 | 0.1156 |
| Lowest | 16QAM | 1 | 0 | 21.0200 | 0.1265 | 19.6300 | 0.0918 |
| Middle | | 1 | 0 | 20.8600 | 0.1219 | 19.6900 | 0.0931 |
| Highest | | 1 | 0 | 21.2700 | 0.1340 | 19.9900 | 0.0998 |
| Limit | EIRP < 2W | | | Result | | PASS | |



| LTE Band 12 / 1.4MHz | | | | | | | |
|----------------------|------------|------|--------|------------|--------|----------|--------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | ERP(dBm) | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 15.2500 | 0.0335 | 4.7600 | 0.0030 |
| Middle | | 1 | 0 | 15.3000 | 0.0339 | 4.7700 | 0.0030 |
| Highest | | 1 | 0 | 16.0300 | 0.0401 | 5.4700 | 0.0035 |
| Lowest | 16QAM | 1 | 0 | 14.5600 | 0.0286 | 4.0600 | 0.0025 |
| Middle | | 1 | 0 | 14.7900 | 0.0301 | 4.2500 | 0.0027 |
| Highest | | 1 | 0 | 15.4400 | 0.0350 | 4.7000 | 0.0030 |
| Limit | ERP < 3W | | | Result | | PASS | |

| LTE Band 12 / 3MHz | | | | | | | |
|--------------------|------------|------|--------|------------|--------|----------|--------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | ERP(dBm) | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 7 | 15.5259 | 0.0357 | 4.6809 | 0.0029 |
| Middle | | 1 | 7 | 15.7458 | 0.0375 | 5.1667 | 0.0033 |
| Highest | | 1 | 7 | 16.2879 | 0.0425 | 4.9700 | 0.0031 |
| Lowest | 16QAM | 1 | 7 | 14.5800 | 0.0287 | 4.0700 | 0.0026 |
| Middle | | 1 | 7 | 14.7900 | 0.0301 | 4.3100 | 0.0027 |
| Highest | | 1 | 7 | 15.3500 | 0.0343 | 4.8400 | 0.0030 |
| Limit | ERP < 3W | | | Result | | PASS | |



| LTE Band 12 / 5MHz | | | | | | | |
|--------------------|------------|------|--------|------------|--------|----------|--------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | ERP(dBm) | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 12 | 15.4600 | 0.0352 | 4.7800 | 0.0030 |
| Middle | | 1 | 12 | 15.4900 | 0.0354 | 4.7800 | 0.0030 |
| Highest | | 1 | 12 | 16.1300 | 0.0410 | 5.3600 | 0.0034 |
| Lowest | 16QAM | 1 | 12 | 14.9400 | 0.0312 | 4.0900 | 0.0026 |
| Middle | | 1 | 12 | 14.7300 | 0.0297 | 4.0700 | 0.0026 |
| Highest | | 1 | 12 | 15.3400 | 0.0342 | 4.8300 | 0.0030 |
| Limit | ERP < 3W | | | Result | | PASS | |

| LTE Band 12 / 10MHz | | | | | | | |
|---------------------|------------|------|--------|------------|--------|----------|--------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | ERP(dBm) | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 15.7600 | 0.0377 | 5.1300 | 0.0033 |
| Middle | | 1 | 0 | 15.7800 | 0.0378 | 5.2000 | 0.0033 |
| Highest | | 1 | 0 | 15.7000 | 0.0372 | 5.1500 | 0.0033 |
| Lowest | 16QAM | 1 | 0 | 14.7200 | 0.0296 | 3.9700 | 0.0025 |
| Middle | | 1 | 0 | 14.9800 | 0.0315 | 4.3900 | 0.0027 |
| Highest | | 1 | 0 | 14.9600 | 0.0313 | 4.2300 | 0.0026 |
| Limit | ERP < 3W | | | Result | | PASS | |



| LTE Band 17 / 5MHz | | | | | | | |
|--------------------|------------|------|--------|------------|--------|----------|--------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | ERP(dBm) | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 24 | 15.6026 | 0.0363 | 4.8410 | 0.0030 |
| Middle | | 1 | 24 | 15.8244 | 0.0382 | 4.5812 | 0.0029 |
| Highest | | 1 | 24 | 15.8283 | 0.0383 | 4.5627 | 0.0029 |
| Lowest | 16QAM | 1 | 24 | 14.9100 | 0.0310 | 4.1700 | 0.0026 |
| Middle | | 1 | 24 | 15.0800 | 0.0322 | 4.3800 | 0.0027 |
| Highest | | 1 | 24 | 14.3600 | 0.0273 | 3.6700 | 0.0023 |
| Limit | ERP < 3W | | | Result | | PASS | |

| LTE Band 17 / 10MHz | | | | | | | |
|---------------------|------------|------|--------|------------|--------|----------|--------|
| Channel | Modulation | RB | | Horizontal | | Vertical | |
| | | Size | Offset | ERP(dBm) | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest | QPSK | 1 | 0 | 15.7500 | 0.0376 | 5.2100 | 0.0033 |
| Middle | | 1 | 0 | 15.7100 | 0.0372 | 5.2300 | 0.0033 |
| Highest | | 1 | 0 | 15.7500 | 0.0376 | 5.1900 | 0.0033 |
| Lowest | 16QAM | 1 | 49 | 14.9300 | 0.0311 | 4.2500 | 0.0027 |
| Middle | | 1 | 49 | 15.0500 | 0.0320 | 4.2700 | 0.0027 |
| Highest | | 1 | 49 | 14.5400 | 0.0284 | 3.6000 | 0.0023 |
| Limit | ERP < 3W | | | Result | | PASS | |



Radiated Spurious Emission

| LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3700 | -57.02 | -13 | -44.02 | -76.24 | -63.59 | 1.67 | 8.24 | H |
| | 5550 | -54.40 | -13 | -41.40 | -78.46 | -61.47 | 2.65 | 9.72 | H |
| | 7400 | -52.64 | -13 | -39.64 | -78.72 | -61.78 | 2.46 | 11.60 | H |
| | 3700 | -57.45 | -13 | -44.45 | -77.42 | -64.02 | 1.67 | 8.24 | V |
| | 5550 | -53.11 | -13 | -40.11 | -78.57 | -60.18 | 2.65 | 9.72 | V |
| | 7400 | -50.98 | -13 | -37.98 | -78.74 | -60.12 | 2.46 | 11.60 | V |
| Middle | 3756 | -57.74 | -13 | -44.74 | -76.86 | -64.36 | 1.68 | 8.31 | H |
| | 5637 | -54.04 | -13 | -41.04 | -78.54 | -61.09 | 2.70 | 9.75 | H |
| | 7517 | -52.36 | -13 | -39.36 | -78.91 | -61.75 | 2.42 | 11.81 | H |
| | 3756 | -57.41 | -13 | -44.41 | -77.41 | -64.03 | 1.68 | 8.31 | V |
| | 5637 | -53.16 | -13 | -40.16 | -78.37 | -60.21 | 2.70 | 9.75 | V |
| | 7517 | -50.25 | -13 | -37.25 | -78.78 | -59.64 | 2.42 | 11.81 | V |
| Highest | 3817 | -54.64 | -13 | -41.64 | -77.24 | -61.32 | 1.70 | 8.38 | H |
| | 5725 | -52.20 | -13 | -39.20 | -78.65 | -59.24 | 2.75 | 9.79 | H |
| | 7634 | -49.47 | -13 | -36.47 | -78.62 | -58.96 | 2.39 | 11.88 | H |
| | 3817 | -53.91 | -13 | -40.91 | -77.27 | -60.59 | 1.70 | 8.38 | V |
| | 5725 | -50.69 | -13 | -37.69 | -78.56 | -57.73 | 2.75 | 9.79 | V |
| | 7634 | -47.53 | -13 | -34.53 | -78.35 | -57.023 | 2.39 | 11.88 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3700 | -57.95 | -13 | -44.95 | -77.1 | -64.52 | 1.67 | 8.24 | H |
| | 5550 | -53.77 | -13 | -40.77 | -78.07 | -60.84 | 2.65 | 9.72 | H |
| | 7400 | -51.78 | -13 | -38.78 | -77.97 | -60.92 | 2.46 | 11.60 | H |
| | 3700 | -56.95 | -13 | -43.95 | -76.95 | -63.52 | 1.67 | 8.24 | V |
| | 5550 | -52.15 | -13 | -39.15 | -77.97 | -59.22 | 2.65 | 9.72 | V |
| | 7400 | -50.19 | -13 | -37.19 | -78.16 | -59.33 | 2.46 | 11.60 | V |
| Middle | 3757 | -57.35 | -13 | -44.35 | -76.46 | -63.97 | 1.68 | 8.31 | H |
| | 5635 | -54.07 | -13 | -41.07 | -78.34 | -61.12 | 2.70 | 9.75 | H |
| | 7514 | -52.37 | -13 | -39.37 | -78.77 | -61.75 | 2.42 | 11.81 | H |
| | 3757 | -56.96 | -13 | -43.96 | -77.24 | -63.58 | 1.68 | 8.31 | V |
| | 5635 | -53.22 | -13 | -40.22 | -78.44 | -60.27 | 2.70 | 9.75 | V |
| | 7514 | -50.25 | -13 | -37.25 | -78.65 | -59.63 | 2.42 | 11.81 | V |
| Highest | 3814 | -53.85 | -13 | -40.85 | -76.67 | -60.52 | 1.70 | 8.38 | H |
| | 5721 | -51.08 | -13 | -38.08 | -77.94 | -58.12 | 2.75 | 9.79 | H |
| | 7628 | -48.54 | -13 | -35.54 | -77.85 | -58.03 | 2.39 | 11.88 | H |
| | 3814 | -52.96 | -13 | -39.96 | -76.33 | -59.63 | 1.70 | 8.38 | V |
| | 5721 | -49.82 | -13 | -36.82 | -77.78 | -56.86 | 2.75 | 9.79 | V |
| | 7628 | -46.69 | -13 | -33.69 | -77.8 | -56.18 | 2.39 | 11.88 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3700 | -57.71 | -13 | -44.71 | -76.79 | -64.28 | 1.67 | 8.24 | H |
| | 5550 | -54.40 | -13 | -41.40 | -78.41 | -61.47 | 2.65 | 9.72 | H |
| | 7400 | -52.89 | -13 | -39.89 | -78.66 | -62.03 | 2.46 | 11.60 | H |
| | 3700 | -57.01 | -13 | -44.01 | -77.19 | -63.58 | 1.67 | 8.24 | V |
| | 5550 | -53.34 | -13 | -40.34 | -78.46 | -60.41 | 2.65 | 9.72 | V |
| | 7400 | -50.99 | -13 | -37.99 | -78.6 | -60.13 | 2.46 | 11.60 | V |
| Middle | 3755 | -57.53 | -13 | -44.53 | -76.96 | -64.15 | 1.68 | 8.31 | H |
| | 5632 | -54.43 | -13 | -41.43 | -78.34 | -61.48 | 2.70 | 9.75 | H |
| | 7510 | -52.11 | -13 | -39.11 | -78.7 | -61.49 | 2.43 | 11.81 | H |
| | 3755 | -57.34 | -13 | -44.34 | -77.1 | -63.96 | 1.68 | 8.31 | V |
| | 5632 | -53.19 | -13 | -40.19 | -78.46 | -60.24 | 2.70 | 9.75 | V |
| | 7510 | -50.74 | -13 | -37.74 | -78.79 | -60.12 | 2.43 | 11.81 | V |
| Highest | 3810 | -53.91 | -13 | -40.91 | -76.85 | -60.58 | 1.70 | 8.37 | H |
| | 5715 | -51.59 | -13 | -38.59 | -78.6 | -58.63 | 2.75 | 9.79 | H |
| | 7620 | -49.69 | -13 | -36.69 | -79.03 | -59.17 | 2.39 | 11.87 | H |
| | 3810 | -53.98 | -13 | -40.98 | -77.23 | -60.65 | 1.70 | 8.37 | V |
| | 5715 | -50.20 | -13 | -37.20 | -78.44 | -57.24 | 2.75 | 9.79 | V |
| | 7620 | -48.01 | -13 | -35.01 | -78.88 | -57.49 | 2.39 | 11.87 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3700 | -57.67 | -13 | -44.67 | -76.5 | -64.24 | 1.67 | 8.24 | H |
| | 5550 | -54.40 | -13 | -41.40 | -78.5 | -61.47 | 2.65 | 9.72 | H |
| | 7400 | -52.35 | -13 | -39.35 | -78.72 | -61.49 | 2.46 | 11.60 | H |
| | 3700 | -57.46 | -13 | -44.46 | -77.32 | -64.03 | 1.67 | 8.24 | V |
| | 5550 | -53.05 | -13 | -40.05 | -78.47 | -60.12 | 2.65 | 9.72 | V |
| | 7400 | -51.00 | -13 | -38.00 | -78.66 | -60.14 | 2.46 | 11.60 | V |
| Middle | 3750 | -57.63 | -13 | -44.63 | -77.01 | -64.25 | 1.68 | 8.30 | H |
| | 5625 | -53.08 | -13 | -40.08 | -77.9 | -60.13 | 2.70 | 9.75 | H |
| | 7500 | -52.11 | -13 | -39.11 | -78.45 | -61.48 | 2.43 | 11.80 | H |
| | 3750 | -56.65 | -13 | -43.65 | -76.66 | -63.27 | 1.68 | 8.30 | V |
| | 5625 | -52.08 | -13 | -39.08 | -77.65 | -59.13 | 2.70 | 9.75 | V |
| | 7500 | -49.87 | -13 | -36.87 | -78.05 | -59.24 | 2.43 | 11.80 | V |
| Highest | 3800 | -54.69 | -13 | -41.69 | -77.22 | -61.35 | 1.70 | 8.36 | H |
| | 5700 | -51.23 | -13 | -38.23 | -78.29 | -58.27 | 2.74 | 9.78 | H |
| | 7600 | -49.86 | -13 | -36.86 | -78.87 | -59.32 | 2.40 | 11.86 | H |
| | 3800 | -54.03 | -13 | -41.03 | -77.25 | -60.69 | 1.70 | 8.36 | V |
| | 5700 | -50.58 | -13 | -37.58 | -78.24 | -57.62 | 2.74 | 9.78 | V |
| | 7600 | -47.70 | -13 | -34.70 | -79.05 | -57.16 | 2.40 | 11.86 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3700 | -57.68 | -13 | -44.68 | -76.52 | -64.25 | 1.67 | 8.24 | H |
| | 5550 | -54.56 | -13 | -41.56 | -78.5 | -61.63 | 2.65 | 9.72 | H |
| | 7400 | -52.95 | -13 | -39.95 | -78.65 | -62.09 | 2.46 | 11.60 | H |
| | 3700 | -57.75 | -13 | -44.75 | -77.52 | -64.32 | 1.67 | 8.24 | V |
| | 5550 | -52.95 | -13 | -39.95 | -78.34 | -60.02 | 2.65 | 9.72 | V |
| | 7400 | -50.94 | -13 | -37.94 | -78.81 | -60.08 | 2.46 | 11.60 | V |
| Middle | 3745 | -57.91 | -13 | -44.91 | -77.23 | -64.52 | 1.68 | 8.29 | H |
| | 5618 | -54.19 | -13 | -41.19 | -78.43 | -61.24 | 2.69 | 9.75 | H |
| | 7490 | -52.47 | -13 | -39.47 | -78.72 | -61.82 | 2.43 | 11.78 | H |
| | 3745 | -57.60 | -13 | -44.60 | -77.56 | -64.21 | 1.68 | 8.29 | V |
| | 5618 | -53.10 | -13 | -40.10 | -78.2 | -60.15 | 2.69 | 9.75 | V |
| | 7490 | -50.51 | -13 | -37.51 | -78.86 | -59.86 | 2.43 | 11.78 | V |
| Highest | 3790 | -54.53 | -13 | -41.53 | -76.76 | -61.18 | 1.70 | 8.35 | H |
| | 5685 | -51.68 | -13 | -38.68 | -78.72 | -58.72 | 2.73 | 9.77 | H |
| | 7580 | -49.88 | -13 | -36.88 | -79.08 | -59.32 | 2.40 | 11.85 | H |
| | 3790 | -54.07 | -13 | -41.07 | -76.95 | -60.72 | 1.70 | 8.35 | V |
| | 5685 | -50.59 | -13 | -37.59 | -78.37 | -57.63 | 2.73 | 9.77 | V |
| | 7580 | -48.10 | -13 | -35.10 | -79.19 | -57.54 | 2.40 | 11.85 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3700 | -56.95 | -13 | -43.95 | -76.18 | -63.52 | 1.67 | 8.24 | H |
| | 5550 | -54.42 | -13 | -41.42 | -78.49 | -61.49 | 2.65 | 9.72 | H |
| | 7400 | -52.40 | -13 | -39.40 | -78.63 | -61.54 | 2.46 | 11.60 | H |
| | 3700 | -57.46 | -13 | -44.46 | -77.27 | -64.03 | 1.67 | 8.24 | V |
| | 5550 | -53.38 | -13 | -40.38 | -78.63 | -60.45 | 2.65 | 9.72 | V |
| | 7400 | -51.05 | -13 | -38.05 | -78.87 | -60.19 | 2.46 | 11.60 | V |
| Middle | 3740 | -57.97 | -13 | -44.97 | -77.18 | -64.58 | 1.68 | 8.29 | H |
| | 5610 | -53.96 | -13 | -40.96 | -78.32 | -61.02 | 2.69 | 9.74 | H |
| | 7480 | -52.77 | -13 | -39.77 | -78.98 | -62.09 | 2.44 | 11.76 | H |
| | 3740 | -57.64 | -13 | -44.64 | -77.59 | -64.25 | 1.68 | 8.29 | V |
| | 5610 | -52.58 | -13 | -39.58 | -78.42 | -59.64 | 2.69 | 9.74 | V |
| | 7480 | -51.11 | -13 | -38.11 | -78.92 | -60.43 | 2.44 | 11.76 | V |
| Highest | 3780 | -54.95 | -13 | -41.95 | -77.36 | -61.59 | 1.69 | 8.34 | H |
| | 5670 | -51.47 | -13 | -38.47 | -78.63 | -58.52 | 2.72 | 9.77 | H |
| | 7560 | -50.20 | -13 | -37.20 | -79.11 | -59.63 | 2.41 | 11.84 | H |
| | 3780 | -54.75 | -13 | -41.75 | -77.36 | -61.39 | 1.69 | 8.34 | V |
| | 5670 | -50.64 | -13 | -37.64 | -78.66 | -57.69 | 2.72 | 9.77 | V |
| | 7560 | -48.50 | -13 | -35.50 | -79.32 | -57.93 | 2.41 | 11.84 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3420 | -59.04 | -13 | -46.04 | -76.74 | -65.11 | 1.58 | 7.65 | H |
| | 5130 | -55.07 | -13 | -42.07 | -78.52 | -62.36 | 2.41 | 9.70 | H |
| | 6840 | -52.02 | -13 | -39.02 | -78.31 | -59.99 | 2.64 | 10.61 | H |
| | 3420 | -58.12 | -13 | -45.12 | -77.12 | -64.19 | 1.58 | 7.65 | V |
| | 5130 | -54.26 | -13 | -41.26 | -78.7 | -61.55 | 2.41 | 9.70 | V |
| | 6840 | -51.02 | -13 | -38.02 | -78.59 | -58.99 | 2.64 | 10.61 | V |
| Middle | 3462 | -59.12 | -13 | -46.12 | -76.88 | -65.36 | 1.59 | 7.83 | H |
| | 5195 | -54.94 | -13 | -41.94 | -78.45 | -62.19 | 2.45 | 9.70 | H |
| | 6927 | -52.56 | -13 | -39.56 | -78.71 | -60.66 | 2.61 | 10.71 | H |
| | 3462 | -57.87 | -13 | -44.87 | -76.89 | -64.11 | 1.59 | 7.83 | V |
| | 5195 | -53.96 | -13 | -40.96 | -78.51 | -61.21 | 2.45 | 9.70 | V |
| | 6927 | -51.23 | -13 | -38.23 | -78.59 | -59.33 | 2.61 | 10.71 | V |
| Highest | 3504 | -59.37 | -13 | -46.37 | -76.94 | -65.77 | 1.61 | 8.00 | H |
| | 5261 | -54.12 | -13 | -41.12 | -78.27 | -61.33 | 2.49 | 9.70 | H |
| | 7018 | -53.52 | -13 | -40.52 | -78.73 | -61.77 | 2.58 | 10.84 | H |
| | 3504 | -57.71 | -13 | -44.71 | -76.85 | -64.11 | 1.61 | 8.00 | V |
| | 5261 | -53.31 | -13 | -40.31 | -78.41 | -60.52 | 2.49 | 9.70 | V |
| | 7018 | -51.01 | -13 | -38.01 | -78.71 | -59.26 | 2.58 | 10.84 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3420 | -59.35 | -13 | -46.35 | -77.04 | -65.42 | 1.58 | 7.65 | H |
| | 5130 | -54.73 | -13 | -41.73 | -78.23 | -62.02 | 2.41 | 9.70 | H |
| | 6840 | -52.02 | -13 | -39.02 | -78.23 | -59.99 | 2.64 | 10.61 | H |
| | 3420 | -57.95 | -13 | -44.95 | -76.94 | -64.02 | 1.58 | 7.65 | V |
| | 5130 | -54.24 | -13 | -41.24 | -78.69 | -61.53 | 2.41 | 9.70 | V |
| | 6840 | -50.91 | -13 | -37.91 | -78.35 | -58.88 | 2.64 | 10.61 | V |
| Middle | 3462 | -59.05 | -13 | -46.05 | -76.77 | -65.29 | 1.59 | 7.83 | H |
| | 5193 | -54.87 | -13 | -41.87 | -78.27 | -62.12 | 2.45 | 9.70 | H |
| | 6924 | -52.24 | -13 | -39.24 | -78.52 | -60.33 | 2.62 | 10.71 | H |
| | 3462 | -57.87 | -13 | -44.87 | -76.82 | -64.11 | 1.59 | 7.83 | V |
| | 5193 | -53.97 | -13 | -40.97 | -78.46 | -61.22 | 2.45 | 9.70 | V |
| | 6924 | -51.24 | -13 | -38.24 | -78.62 | -59.33 | 2.62 | 10.71 | V |
| Highest | 3504 | -58.79 | -13 | -45.79 | -76.54 | -65.19 | 1.61 | 8.00 | H |
| | 5254 | -53.81 | -13 | -40.81 | -78.03 | -61.03 | 2.48 | 9.70 | H |
| | 7011 | -52.15 | -13 | -39.15 | -78.37 | -60.39 | 2.59 | 10.82 | H |
| | 3504 | -57.66 | -13 | -44.66 | -76.71 | -64.06 | 1.61 | 8.00 | V |
| | 5254 | -53.11 | -13 | -40.11 | -78.33 | -60.33 | 2.48 | 9.70 | V |
| | 7011 | -50.98 | -13 | -37.98 | -78.35 | -59.22 | 2.59 | 10.82 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3420 | -59.25 | -13 | -46.25 | -76.91 | -65.32 | 1.58 | 7.65 | H |
| | 5130 | -55.04 | -13 | -42.04 | -78.54 | -62.33 | 2.41 | 9.70 | H |
| | 6840 | -51.05 | -13 | -38.05 | -78.17 | -59.02 | 2.64 | 10.61 | H |
| | 3420 | -58.15 | -13 | -45.15 | -76.98 | -64.22 | 1.58 | 7.65 | V |
| | 5130 | -54.37 | -13 | -41.37 | -78.7 | -61.66 | 2.41 | 9.70 | V |
| | 6840 | -50.58 | -13 | -37.58 | -78.07 | -58.55 | 2.64 | 10.61 | V |
| Middle | 3460 | -59.14 | -13 | -46.14 | -76.81 | -65.37 | 1.59 | 7.82 | H |
| | 5190 | -54.97 | -13 | -41.97 | -78.47 | -62.22 | 2.45 | 9.70 | H |
| | 6920 | -51.93 | -13 | -38.93 | -78.12 | -60.02 | 2.62 | 10.70 | H |
| | 3460 | -57.79 | -13 | -44.79 | -76.71 | -64.02 | 1.59 | 7.82 | V |
| | 5190 | -53.77 | -13 | -40.77 | -78.2 | -61.02 | 2.45 | 9.70 | V |
| | 6920 | -51.03 | -13 | -38.03 | -78.4 | -59.12 | 2.62 | 10.70 | V |
| Highest | 3497 | -58.95 | -13 | -45.95 | -76.7 | -65.33 | 1.60 | 7.99 | H |
| | 5254 | -53.86 | -13 | -40.86 | -78.07 | -61.08 | 2.48 | 9.70 | H |
| | 7004 | -52.44 | -13 | -39.44 | -78.53 | -60.66 | 2.59 | 10.81 | H |
| | 3497 | -57.64 | -13 | -44.64 | -76.7 | -64.02 | 1.60 | 7.99 | V |
| | 5254 | -53.46 | -13 | -40.46 | -78.39 | -60.68 | 2.48 | 9.70 | V |
| | 7004 | -51.11 | -13 | -38.11 | -78.4 | -59.33 | 2.59 | 10.81 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3420 | -59.59 | -13 | -46.59 | -77.02 | -65.66 | 1.58 | 7.65 | H |
| | 5130 | -55.14 | -13 | -42.14 | -78.64 | -62.43 | 2.41 | 9.70 | H |
| | 6840 | -52.25 | -13 | -39.25 | -78.53 | -60.22 | 2.64 | 10.61 | H |
| | 3420 | -58.04 | -13 | -45.04 | -76.99 | -64.11 | 1.58 | 7.65 | V |
| | 5130 | -53.73 | -13 | -40.73 | -78.32 | -61.02 | 2.41 | 9.70 | V |
| | 6840 | -51.02 | -13 | -38.02 | -78.52 | -58.99 | 2.64 | 10.61 | V |
| Middle | 3455 | -59.01 | -13 | -46.01 | -76.69 | -65.22 | 1.59 | 7.80 | H |
| | 5184 | -54.95 | -13 | -41.95 | -78.32 | -62.21 | 2.44 | 9.70 | H |
| | 6910 | -52.15 | -13 | -39.15 | -78.48 | -60.22 | 2.62 | 10.69 | H |
| | 3455 | -57.81 | -13 | -44.81 | -76.7 | -64.02 | 1.59 | 7.80 | V |
| | 5184 | -53.85 | -13 | -40.85 | -78.41 | -61.11 | 2.44 | 9.70 | V |
| | 6910 | -51.14 | -13 | -38.14 | -78.65 | -59.21 | 2.62 | 10.69 | V |
| Highest | 3490 | -59.16 | -13 | -46.16 | -76.88 | -65.51 | 1.60 | 7.96 | H |
| | 5233 | -54.54 | -13 | -41.54 | -78.32 | -61.77 | 2.47 | 9.70 | H |
| | 6983 | -52.04 | -13 | -39.04 | -78.34 | -60.22 | 2.60 | 10.78 | H |
| | 3490 | -57.87 | -13 | -44.87 | -76.87 | -64.22 | 1.60 | 7.96 | V |
| | 5233 | -53.65 | -13 | -40.65 | -78.39 | -60.88 | 2.47 | 9.70 | V |
| | 6983 | -50.93 | -13 | -37.93 | -78.16 | -59.11 | 2.60 | 10.78 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3420 | -59.44 | -13 | -46.44 | -77.11 | -65.51 | 1.58 | 7.65 | H |
| | 5130 | -55.37 | -13 | -42.37 | -78.65 | -62.66 | 2.41 | 9.70 | H |
| | 6840 | -52.47 | -13 | -39.47 | -78.77 | -60.44 | 2.64 | 10.61 | H |
| | 3420 | -57.95 | -13 | -44.95 | -76.88 | -64.02 | 1.58 | 7.65 | V |
| | 5130 | -54.48 | -13 | -41.48 | -78.9 | -61.77 | 2.41 | 9.70 | V |
| | 6840 | -51.26 | -13 | -38.26 | -78.82 | -59.23 | 2.64 | 10.61 | V |
| Middle | 3448 | -59.38 | -13 | -46.38 | -77.03 | -65.56 | 1.59 | 7.77 | H |
| | 5175 | -54.96 | -13 | -41.96 | -78.43 | -62.22 | 2.44 | 9.70 | H |
| | 6900 | -53.82 | -13 | -40.82 | -78.88 | -61.88 | 2.62 | 10.68 | H |
| | 3448 | -58.15 | -13 | -45.15 | -76.99 | -64.33 | 1.59 | 7.77 | V |
| | 5175 | -53.96 | -13 | -40.96 | -78.5 | -61.22 | 2.44 | 9.70 | V |
| | 6900 | -51.05 | -13 | -38.05 | -78.56 | -59.11 | 2.62 | 10.68 | V |
| Highest | 3480 | -59.35 | -13 | -46.35 | -77.03 | -65.66 | 1.60 | 7.91 | H |
| | 5220 | -55.15 | -13 | -42.15 | -78.8 | -62.39 | 2.46 | 9.70 | H |
| | 6960 | -52.42 | -13 | -39.42 | -78.57 | -60.57 | 2.60 | 10.75 | H |
| | 3480 | -57.91 | -13 | -44.91 | -77.01 | -64.22 | 1.60 | 7.91 | V |
| | 5220 | -53.78 | -13 | -40.78 | -78.37 | -61.02 | 2.46 | 9.70 | V |
| | 6960 | -51.07 | -13 | -38.07 | -78.46 | -59.22 | 2.60 | 10.75 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 3420 | -59.13 | -13 | -46.13 | -77.28 | -65.2 | 1.58 | 7.65 | H |
| | 5130 | -52.11 | -13 | -39.11 | -78.9 | -59.4 | 2.41 | 9.70 | H |
| | 6840 | -52.23 | -13 | -39.23 | -78.76 | -60.2 | 2.64 | 10.61 | H |
| | 3420 | -58.13 | -13 | -45.13 | -77.27 | -64.2 | 1.58 | 7.65 | V |
| | 5130 | -54.21 | -13 | -41.21 | -78.86 | -61.5 | 2.41 | 9.70 | V |
| | 6840 | -51.13 | -13 | -38.13 | -78.59 | -59.1 | 2.64 | 10.61 | V |
| Middle | 3448 | -59.48 | -13 | -46.48 | -77.07 | -65.66 | 1.59 | 7.77 | H |
| | 5167 | -55.17 | -13 | -42.17 | -78.59 | -62.44 | 2.43 | 9.70 | H |
| | 6890 | -52.53 | -13 | -39.53 | -78.64 | -60.57 | 2.63 | 10.67 | H |
| | 3448 | -59.11 | -13 | -46.11 | -77.12 | -65.29 | 1.59 | 7.77 | V |
| | 5167 | -54.28 | -13 | -41.28 | -78.75 | -61.55 | 2.43 | 9.70 | V |
| | 6890 | -51.29 | -13 | -38.29 | -78.71 | -59.33 | 2.63 | 10.67 | V |
| Highest | 3470 | -59.39 | -13 | -46.39 | -77.04 | -65.66 | 1.59 | 7.87 | H |
| | 5205 | -54.88 | -13 | -41.88 | -78.36 | -62.12 | 2.46 | 9.70 | H |
| | 6940 | -52.65 | -13 | -39.65 | -78.8 | -60.77 | 2.61 | 10.73 | H |
| | 3470 | -57.94 | -13 | -44.94 | -76.99 | -64.21 | 1.59 | 7.87 | V |
| | 5205 | -54.09 | -13 | -41.09 | -78.59 | -61.33 | 2.46 | 9.70 | V |
| | 6940 | -51.49 | -13 | -38.49 | -78.63 | -59.61 | 2.61 | 10.73 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 5 / 1.4MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1648 | -63.84 | -13 | -50.84 | -75.09 | -65.6 | 0.98 | 4.89 | H |
| | 2472 | -59.42 | -13 | -46.42 | -76.06 | -61.3 | 1.28 | 5.32 | H |
| | 3296 | -59.09 | -13 | -46.09 | -77.04 | -62.5 | 1.54 | 7.10 | H |
| | 1648 | -63.04 | -13 | -50.04 | -75.05 | -64.8 | 0.98 | 4.89 | V |
| | 2472 | -58.12 | -13 | -45.12 | -75.36 | -60 | 1.28 | 5.32 | V |
| | 3296 | -57.89 | -13 | -44.89 | -76.99 | -61.3 | 1.54 | 7.10 | V |
| Middle | 1672 | -64.22 | -13 | -51.22 | -75.43 | -65.9 | 0.99 | 4.82 | H |
| | 2504 | -58.64 | -13 | -45.64 | -75.27 | -60.6 | 1.29 | 5.40 | H |
| | 3344 | -59.69 | -13 | -46.69 | -76.97 | -63.3 | 1.56 | 7.31 | H |
| | 1672 | -63.42 | -13 | -50.42 | -75.28 | -65.1 | 0.99 | 4.82 | V |
| | 2504 | -57.34 | -13 | -44.34 | -75.33 | -59.3 | 1.29 | 5.40 | V |
| | 3344 | -57.79 | -13 | -44.79 | -76.84 | -61.4 | 1.56 | 7.31 | V |
| Highest | 1696 | -63.50 | -13 | -50.50 | -75.6 | -65.1 | 1.00 | 4.75 | H |
| | 2543 | -59.22 | -13 | -46.22 | -75.76 | -61.2 | 1.30 | 5.43 | H |
| | 3391 | -59.50 | -13 | -46.50 | -77.29 | -63.3 | 1.57 | 7.52 | H |
| | 1696 | -63.00 | -13 | -50.00 | -75.49 | -64.6 | 1.00 | 4.75 | V |
| | 2544 | -57.12 | -13 | -44.12 | -75.32 | -59.1 | 1.30 | 5.44 | V |
| | 3391 | -58.70 | -13 | -45.70 | -77.29 | -62.5 | 1.57 | 7.52 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1648 | -64.34 | -13 | -51.34 | -75.26 | -66.1 | 0.98 | 4.89 | H |
| | 2472 | -59.02 | -13 | -46.02 | -75.66 | -60.9 | 1.28 | 5.32 | H |
| | 3296 | -59.49 | -13 | -46.49 | -77.06 | -62.9 | 1.54 | 7.10 | H |
| | 1648 | -63.44 | -13 | -50.44 | -75.11 | -65.2 | 0.98 | 4.89 | V |
| | 2472 | -56.72 | -13 | -43.72 | -74.46 | -58.6 | 1.28 | 5.32 | V |
| | 3296 | -58.29 | -13 | -45.29 | -77.11 | -61.7 | 1.54 | 7.10 | V |
| Middle | 1672 | -64.42 | -13 | -51.42 | -75.55 | -66.1 | 0.99 | 4.82 | H |
| | 2504 | -58.74 | -13 | -45.74 | -75.13 | -60.7 | 1.29 | 5.40 | H |
| | 3340 | -59.71 | -13 | -46.71 | -77.17 | -63.3 | 1.55 | 7.30 | H |
| | 1672 | -63.12 | -13 | -50.12 | -75.21 | -64.8 | 0.99 | 4.82 | V |
| | 2504 | -56.84 | -13 | -43.84 | -74.7 | -58.8 | 1.29 | 5.40 | V |
| | 3340 | -58.01 | -13 | -45.01 | -77.09 | -61.6 | 1.55 | 7.30 | V |
| Highest | 1696 | -64.10 | -13 | -51.10 | -75.58 | -65.7 | 1.00 | 4.75 | H |
| | 2544 | -59.62 | -13 | -46.62 | -76.24 | -61.6 | 1.30 | 5.44 | H |
| | 3392 | -59.80 | -13 | -46.80 | -77.1 | -63.6 | 1.57 | 7.52 | H |
| | 1696 | -63.00 | -13 | -50.00 | -75.4 | -64.6 | 1.00 | 4.75 | V |
| | 2544 | -56.62 | -13 | -43.62 | -74.81 | -58.6 | 1.30 | 5.44 | V |
| | 3392 | -58.20 | -13 | -45.20 | -77.14 | -62 | 1.57 | 7.52 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 5 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1648 | -64.34 | -13 | -51.34 | -75.24 | -66.1 | 0.98 | 4.89 | H |
| | 2472 | -57.02 | -13 | -44.02 | -73.44 | -58.9 | 1.28 | 5.32 | H |
| | 3296 | -59.09 | -13 | -46.09 | -77.12 | -62.5 | 1.54 | 7.10 | H |
| | 1648 | -63.84 | -13 | -50.84 | -75.34 | -65.6 | 0.98 | 4.89 | V |
| | 2472 | -55.02 | -13 | -42.02 | -72.67 | -56.9 | 1.28 | 5.32 | V |
| | 3296 | -58.29 | -13 | -45.29 | -77.2 | -61.7 | 1.54 | 7.10 | V |
| Middle | 1668 | -64.11 | -13 | -51.11 | -75.42 | -65.8 | 0.99 | 4.83 | H |
| | 2504 | -56.94 | -13 | -43.94 | -73.67 | -58.9 | 1.29 | 5.40 | H |
| | 3336 | -59.72 | -13 | -46.72 | -77.21 | -63.3 | 1.55 | 7.28 | H |
| | 1668 | -62.21 | -13 | -49.21 | -75.58 | -63.9 | 0.99 | 4.83 | V |
| | 2504 | -53.24 | -13 | -40.24 | -71.57 | -55.2 | 1.29 | 5.40 | V |
| | 3336 | -58.22 | -13 | -45.22 | -77.22 | -61.8 | 1.55 | 7.28 | V |
| Highest | 1688 | -63.57 | -13 | -50.57 | -75.1 | -65.2 | 1.00 | 4.77 | H |
| | 2536 | -56.42 | -13 | -43.42 | -73.27 | -58.4 | 1.30 | 5.43 | H |
| | 3376 | -59.86 | -13 | -46.86 | -77.35 | -63.6 | 1.57 | 7.45 | H |
| | 1688 | -63.07 | -13 | -50.07 | -75.06 | -64.7 | 1.00 | 4.77 | V |
| | 2536 | -56.12 | -13 | -43.12 | -74.13 | -58.1 | 1.30 | 5.43 | V |
| | 3376 | -58.46 | -13 | -45.46 | -77.45 | -62.2 | 1.57 | 7.45 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1648 | -63.84 | -13 | -50.84 | -74.9 | -65.6 | 0.98 | 4.89 | H |
| | 2472 | -60.12 | -13 | -47.12 | -76.27 | -62 | 1.28 | 5.32 | H |
| | 3296 | -59.69 | -13 | -46.69 | -77.05 | -63.1 | 1.54 | 7.10 | H |
| | 1648 | -62.94 | -13 | -49.94 | -74.82 | -64.7 | 0.98 | 4.89 | V |
| | 2472 | -58.32 | -13 | -45.32 | -76.15 | -60.2 | 1.28 | 5.32 | V |
| | 3296 | -58.39 | -13 | -45.39 | -77.16 | -61.8 | 1.54 | 7.10 | V |
| Middle | 1664 | -63.89 | -13 | -50.89 | -75.01 | -65.6 | 0.98 | 4.84 | H |
| | 2495 | -59.45 | -13 | -46.45 | -76.28 | -61.4 | 1.29 | 5.39 | H |
| | 3326 | -59.37 | -13 | -46.37 | -77.17 | -62.9 | 1.55 | 7.23 | H |
| | 1664 | -63.89 | -13 | -50.89 | -75.38 | -65.6 | 0.98 | 4.84 | V |
| | 2496 | -57.25 | -13 | -44.25 | -74.99 | -59.2 | 1.29 | 5.39 | V |
| | 3326 | -58.37 | -13 | -45.37 | -77.05 | -61.9 | 1.55 | 7.23 | V |
| Highest | 1678 | -64.24 | -13 | -51.24 | -75.53 | -65.9 | 0.99 | 4.80 | H |
| | 2520 | -58.63 | -13 | -45.63 | -75.06 | -60.6 | 1.30 | 5.42 | H |
| | 3356 | -59.44 | -13 | -46.44 | -77.07 | -63.1 | 1.56 | 7.37 | H |
| | 1678 | -63.54 | -13 | -50.54 | -75.46 | -65.2 | 0.99 | 4.80 | V |
| | 2520 | -56.63 | -13 | -43.63 | -74.46 | -58.6 | 1.30 | 5.42 | V |
| | 3356 | -58.04 | -13 | -45.04 | -77.05 | -61.7 | 1.56 | 7.37 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5004 | -54.75 | -25 | -29.75 | -78.25 | -62.11 | 2.34 | 9.70 | H |
| | 7508 | -51.35 | -25 | -26.35 | -78.25 | -60.73 | 2.43 | 11.80 | H |
| | 10010 | -51.37 | -25 | -26.37 | -79.2 | -60.88 | 2.70 | 12.20 | H |
| | 5004 | -53.75 | -25 | -28.75 | -77.93 | -61.11 | 2.34 | 9.70 | V |
| | 7508 | -49.91 | -25 | -24.91 | -78.57 | -59.29 | 2.43 | 11.80 | V |
| | 10010 | -48.82 | -25 | -23.82 | -79.3 | -58.33 | 2.70 | 12.20 | V |
| Middle | 5064 | -54.69 | -25 | -29.69 | -78.07 | -62.02 | 2.37 | 9.70 | H |
| | 7605 | -51.41 | -25 | -26.41 | -78.7 | -60.88 | 2.40 | 11.86 | H |
| | 10140 | -50.99 | -25 | -25.99 | -79.3 | -60.55 | 2.70 | 12.26 | H |
| | 5064 | -53.69 | -25 | -28.69 | -78.2 | -61.02 | 2.37 | 9.70 | V |
| | 7608 | -49.65 | -25 | -24.65 | -78.82 | -59.12 | 2.39 | 11.86 | V |
| | 10140 | -48.46 | -25 | -23.46 | -79.33 | -58.02 | 2.70 | 12.26 | V |
| Highest | 5136 | -54.49 | -25 | -29.49 | -77.77 | -61.77 | 2.42 | 9.70 | H |
| | 7704 | -50.66 | -25 | -25.66 | -78.1 | -60.22 | 2.36 | 11.92 | H |
| | 10274 | -50.44 | -25 | -25.44 | -79.04 | -60.06 | 2.69 | 12.31 | H |
| | 5136 | -53.49 | -25 | -28.49 | -77.96 | -60.77 | 2.42 | 9.70 | V |
| | 7704 | -48.96 | -25 | -23.96 | -77.92 | -58.52 | 2.36 | 11.92 | V |
| | 10274 | -47.82 | -25 | -22.82 | -79.09 | -57.44 | 2.69 | 12.31 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5004 | -54.75 | -25 | -29.75 | -78.28 | -62.11 | 2.34 | 9.70 | H |
| | 7512 | -51.84 | -25 | -26.84 | -78.43 | -61.22 | 2.43 | 11.81 | H |
| | 10020 | -51.51 | -25 | -26.51 | -79.32 | -61.02 | 2.70 | 12.21 | H |
| | 5004 | -53.86 | -25 | -28.86 | -78.3 | -61.22 | 2.34 | 9.70 | V |
| | 7512 | -49.95 | -25 | -24.95 | -78.48 | -59.33 | 2.43 | 11.81 | V |
| | 10020 | -48.61 | -25 | -23.61 | -78.95 | -58.12 | 2.70 | 12.21 | V |
| Middle | 5064 | -54.78 | -25 | -29.78 | -78.2 | -62.11 | 2.37 | 9.70 | H |
| | 7608 | -50.92 | -25 | -25.92 | -78.51 | -60.39 | 2.39 | 11.86 | H |
| | 10128 | -50.95 | -25 | -25.95 | -79.27 | -60.51 | 2.70 | 12.25 | H |
| | 5064 | -53.78 | -25 | -28.78 | -78.2 | -61.11 | 2.37 | 9.70 | V |
| | 7608 | -49.22 | -25 | -24.22 | -78.48 | -58.69 | 2.39 | 11.86 | V |
| | 10128 | -48.46 | -25 | -23.46 | -79.27 | -58.02 | 2.70 | 12.25 | V |
| Highest | 5124 | -54.73 | -25 | -29.73 | -78.26 | -62.02 | 2.41 | 9.70 | H |
| | 7692 | -50.56 | -25 | -25.56 | -77.93 | -60.11 | 2.37 | 11.92 | H |
| | 10260 | -50.67 | -25 | -25.67 | -79.31 | -60.28 | 2.69 | 12.30 | H |
| | 5124 | -53.59 | -25 | -28.59 | -78.11 | -60.88 | 2.41 | 9.70 | V |
| | 7692 | -48.84 | -25 | -23.84 | -77.91 | -58.39 | 2.37 | 11.92 | V |
| | 10260 | -47.68 | -25 | -22.68 | -78.96 | -57.29 | 2.69 | 12.30 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5000 | -54.44 | -25 | -29.44 | -78.17 | -61.8 | 2.34 | 9.70 | H |
| | 7500 | -51.13 | -25 | -26.13 | -78.25 | -60.5 | 2.43 | 11.80 | H |
| | 10000 | -51.10 | -25 | -26.10 | -79.09 | -60.6 | 2.70 | 12.20 | H |
| | 5000 | -53.44 | -25 | -28.44 | -78.25 | -60.8 | 2.34 | 9.70 | V |
| | 7500 | -49.93 | -25 | -24.93 | -78.26 | -59.3 | 2.43 | 11.80 | V |
| | 10000 | -48.70 | -25 | -23.70 | -79.14 | -58.2 | 2.70 | 12.20 | V |
| Middle | 5064 | -54.69 | -25 | -29.69 | -78 | -62.02 | 2.37 | 9.70 | H |
| | 7608 | -50.86 | -25 | -25.86 | -78.43 | -60.33 | 2.39 | 11.86 | H |
| | 10140 | -51.32 | -25 | -26.32 | -79.59 | -60.88 | 2.70 | 12.26 | H |
| | 5064 | -53.89 | -25 | -28.89 | -78.35 | -61.22 | 2.37 | 9.70 | V |
| | 7608 | -49.55 | -25 | -24.55 | -78.75 | -59.02 | 2.39 | 11.86 | V |
| | 10140 | -48.55 | -25 | -23.55 | -79.46 | -58.11 | 2.70 | 12.26 | V |
| Highest | 5124 | -54.73 | -25 | -29.73 | -78.26 | -62.02 | 2.41 | 9.70 | H |
| | 7688 | -50.34 | -25 | -25.34 | -77.61 | -59.88 | 2.37 | 11.91 | H |
| | 10250 | -50.28 | -25 | -25.28 | -78.97 | -59.89 | 2.69 | 12.30 | H |
| | 5124 | -53.73 | -25 | -28.73 | -78.17 | -61.02 | 2.41 | 9.70 | V |
| | 7692 | -48.84 | -25 | -23.84 | -77.93 | -58.39 | 2.37 | 11.92 | V |
| | 10250 | -47.94 | -25 | -22.94 | -79.12 | -57.55 | 2.69 | 12.30 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 5004 | -54.54 | -25 | -29.54 | -78.02 | -61.9 | 2.34 | 9.70 | H |
| | 7500 | -52.03 | -25 | -27.03 | -78.82 | -61.4 | 2.43 | 11.80 | H |
| | 10000 | -51.30 | -25 | -26.30 | -79.32 | -60.8 | 2.70 | 12.20 | H |
| | 5004 | -53.74 | -25 | -28.74 | -77.81 | -61.1 | 2.34 | 9.70 | V |
| | 7500 | -50.33 | -25 | -25.33 | -78.68 | -59.7 | 2.43 | 11.80 | V |
| | 10000 | -48.70 | -25 | -23.70 | -79.14 | -58.2 | 2.70 | 12.20 | V |
| Middle | 5052 | -54.87 | -25 | -29.87 | -78.36 | -62.2 | 2.37 | 9.70 | H |
| | 7575 | -51.26 | -25 | -26.26 | -78.6 | -60.7 | 2.41 | 11.85 | H |
| | 10100 | -50.66 | -25 | -25.66 | -78.86 | -60.2 | 2.70 | 12.24 | H |
| | 5052 | -54.17 | -25 | -29.17 | -78.49 | -61.5 | 2.37 | 9.70 | V |
| | 7575 | -49.66 | -25 | -24.66 | -78.78 | -59.1 | 2.41 | 11.85 | V |
| | 10100 | -48.36 | -25 | -23.36 | -79.23 | -57.9 | 2.70 | 12.24 | V |
| Highest | 5100 | -54.29 | -25 | -29.29 | -77.81 | -61.6 | 2.39 | 9.70 | H |
| | 7650 | -50.59 | -25 | -25.59 | -77.91 | -60.1 | 2.38 | 11.89 | H |
| | 10200 | -50.62 | -25 | -25.62 | -79.1 | -60.2 | 2.70 | 12.28 | H |
| | 5100 | -53.89 | -25 | -28.89 | -78.26 | -61.2 | 2.39 | 9.70 | V |
| | 7650 | -49.09 | -25 | -24.09 | -78.15 | -58.6 | 2.38 | 11.89 | V |
| | 10200 | -48.12 | -25 | -23.12 | -79.17 | -57.7 | 2.70 | 12.28 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1398 | -64.87 | -13 | -51.87 | -74.86 | -66.52 | 0.87 | 4.67 | H |
| | 2097 | -62.98 | -13 | -49.98 | -76.26 | -63.86 | 1.16 | 4.19 | H |
| | 2796 | -60.47 | -13 | -47.47 | -76.71 | -62.57 | 1.38 | 5.64 | H |
| | 1398 | -64.67 | -13 | -51.67 | -74.41 | -66.32 | 0.87 | 4.67 | V |
| | 2097 | -60.70 | -13 | -47.70 | -76.22 | -61.58 | 1.16 | 4.19 | V |
| | 2796 | -58.98 | -13 | -45.98 | -76.60 | -61.08 | 1.38 | 5.64 | V |
| Middle | 1414 | -64.58 | -13 | -51.58 | -74.34 | -66.32 | 0.87 | 4.76 | H |
| | 2120 | -62.05 | -13 | -49.05 | -75.84 | -62.99 | 1.17 | 4.26 | H |
| | 2827 | -60.00 | -13 | -47.00 | -76.62 | -62.12 | 1.39 | 5.66 | H |
| | 1416 | -64.57 | -13 | -51.57 | -74.48 | -66.32 | 0.87 | 4.78 | V |
| | 2120 | -60.55 | -13 | -47.55 | -76.15 | -61.49 | 1.17 | 4.26 | V |
| | 2827 | -58.30 | -13 | -45.30 | -76.35 | -60.42 | 1.39 | 5.66 | V |
| Highest | 1429 | -64.49 | -13 | -51.49 | -74.23 | -66.32 | 0.88 | 4.86 | H |
| | 2143 | -63.03 | -13 | -50.03 | -76.20 | -64.03 | 1.18 | 4.33 | H |
| | 2858 | -60.03 | -13 | -47.03 | -76.43 | -62.16 | 1.40 | 5.69 | H |
| | 1429 | -63.99 | -13 | -50.99 | -74.20 | -65.82 | 0.88 | 4.86 | V |
| | 2143 | -61.09 | -13 | -48.09 | -76.18 | -62.09 | 1.18 | 4.33 | V |
| | 2858 | -58.39 | -13 | -45.39 | -76.25 | -60.52 | 1.40 | 5.69 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1400 | -64.32 | -13 | -51.32 | -74.08 | -65.98 | 0.87 | 4.68 | H |
| | 2096 | -62.21 | -13 | -49.21 | -76.17 | -63.08 | 1.16 | 4.19 | H |
| | 2800 | -60.07 | -13 | -47.07 | -76.51 | -62.18 | 1.38 | 5.64 | H |
| | 1400 | -64.66 | -13 | -51.66 | -74.30 | -66.32 | 0.87 | 4.68 | V |
| | 2096 | -60.54 | -13 | -47.54 | -76.05 | -61.41 | 1.16 | 4.19 | V |
| | 2800 | -58.97 | -13 | -45.97 | -76.23 | -61.08 | 1.38 | 5.64 | V |
| Middle | 1412 | -64.07 | -13 | -51.07 | -74.24 | -65.80 | 0.87 | 4.75 | H |
| | 2120 | -60.66 | -13 | -47.66 | -74.29 | -61.60 | 1.17 | 4.26 | H |
| | 2824 | -59.08 | -13 | -46.08 | -76.06 | -61.20 | 1.39 | 5.66 | H |
| | 1412 | -64.07 | -13 | -51.07 | -74.17 | -65.80 | 0.87 | 4.75 | V |
| | 2120 | -58.76 | -13 | -45.76 | -74.02 | -59.70 | 1.17 | 4.26 | V |
| | 2824 | -58.58 | -13 | -45.58 | -76.48 | -60.70 | 1.39 | 5.66 | V |
| Highest | 1424 | -64.52 | -13 | -51.52 | -74.35 | -66.32 | 0.88 | 4.83 | H |
| | 2136 | -63.05 | -13 | -50.05 | -76.37 | -64.03 | 1.18 | 4.31 | H |
| | 2848 | -60.06 | -13 | -47.06 | -76.72 | -62.19 | 1.40 | 5.68 | H |
| | 1424 | -64.23 | -13 | -51.23 | -74.43 | -66.03 | 0.88 | 4.83 | V |
| | 2136 | -60.04 | -13 | -47.04 | -75.75 | -61.02 | 1.18 | 4.31 | V |
| | 2848 | -59.08 | -13 | -46.08 | -76.70 | -61.21 | 1.40 | 5.68 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1400 | -64.44 | -13 | -51.44 | -74.56 | -66.10 | 0.87 | 4.68 | H |
| | 2096 | -61.73 | -13 | -48.73 | -75.77 | -62.60 | 1.16 | 4.19 | H |
| | 2796 | -59.70 | -13 | -46.70 | -76.53 | -61.80 | 1.38 | 5.64 | H |
| | 1400 | -63.54 | -13 | -50.54 | -73.92 | -65.20 | 0.87 | 4.68 | V |
| | 2096 | -60.53 | -13 | -47.53 | -75.90 | -61.40 | 1.16 | 4.19 | V |
| | 2796 | -58.40 | -13 | -45.40 | -76.57 | -60.50 | 1.38 | 5.64 | V |
| Middle | 1410 | -63.88 | -13 | -50.88 | -74.00 | -65.60 | 0.87 | 4.74 | H |
| | 2115 | -61.28 | -13 | -48.28 | -74.82 | -62.20 | 1.17 | 4.25 | H |
| | 2820 | -59.09 | -13 | -46.09 | -76.31 | -61.20 | 1.39 | 5.66 | H |
| | 1410 | -64.18 | -13 | -51.18 | -74.27 | -65.90 | 0.87 | 4.74 | V |
| | 2112 | -59.18 | -13 | -46.18 | -74.59 | -60.10 | 1.17 | 4.24 | V |
| | 2820 | -58.69 | -13 | -45.69 | -76.44 | -60.80 | 1.39 | 5.66 | V |
| Highest | 1422 | -64.11 | -13 | -51.11 | -74.31 | -65.90 | 0.88 | 4.82 | H |
| | 2133 | -61.13 | -13 | -48.13 | -74.78 | -62.10 | 1.18 | 4.30 | H |
| | 2844 | -59.47 | -13 | -46.47 | -76.50 | -61.60 | 1.40 | 5.68 | H |
| | 1422 | -64.01 | -13 | -51.01 | -74.24 | -65.80 | 0.88 | 4.82 | V |
| | 2133 | -58.63 | -13 | -45.63 | -73.98 | -59.60 | 1.18 | 4.30 | V |
| | 2844 | -58.27 | -13 | -45.27 | -76.48 | -60.40 | 1.40 | 5.68 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1400 | -64.24 | -13 | -51.24 | -74.27 | -65.90 | 0.87 | 4.68 | H |
| | 2096 | -58.83 | -13 | -45.83 | -72.88 | -59.70 | 1.16 | 4.19 | H |
| | 2796 | -59.40 | -13 | -46.40 | -76.44 | -61.50 | 1.38 | 5.64 | H |
| | 1400 | -64.44 | -13 | -51.44 | -74.43 | -66.10 | 0.87 | 4.68 | V |
| | 2096 | -60.03 | -13 | -47.03 | -75.55 | -60.90 | 1.16 | 4.19 | V |
| | 2796 | -58.10 | -13 | -45.10 | -76.09 | -60.20 | 1.38 | 5.64 | V |
| Middle | 1405 | -61.21 | -13 | -48.21 | -73.99 | -62.90 | 0.87 | 4.71 | H |
| | 2110 | -58.79 | -13 | -45.79 | -72.92 | -59.70 | 1.17 | 4.23 | H |
| | 2810 | -59.89 | -13 | -46.89 | -76.59 | -62.00 | 1.39 | 5.65 | H |
| | 1405 | -63.71 | -13 | -50.71 | -73.71 | -65.40 | 0.87 | 4.71 | V |
| | 2110 | -60.29 | -13 | -47.29 | -75.83 | -61.20 | 1.17 | 4.23 | V |
| | 2810 | -58.09 | -13 | -45.09 | -76.16 | -60.20 | 1.39 | 5.65 | V |
| Highest | 1412 | -64.37 | -13 | -51.37 | -74.22 | -66.10 | 0.87 | 4.75 | H |
| | 2118 | -61.27 | -13 | -48.27 | -75.13 | -62.20 | 1.17 | 4.25 | H |
| | 2824 | -59.68 | -13 | -46.68 | -76.39 | -61.80 | 1.39 | 5.66 | H |
| | 1412 | -63.87 | -13 | -50.87 | -74.10 | -65.60 | 0.87 | 4.75 | V |
| | 2118 | -59.57 | -13 | -46.57 | -75.24 | -60.50 | 1.17 | 4.25 | V |
| | 2824 | -58.38 | -13 | -45.38 | -76.42 | -60.50 | 1.39 | 5.66 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|--|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1408 | -64.61 | -13 | -51.61 | -74.52 | -66.32 | 0.87 | 4.73 | H |
| | 2112 | -61.94 | -13 | -48.94 | -75.88 | -62.86 | 1.17 | 4.24 | H |
| | 2816 | -60.04 | -13 | -47.04 | -76.53 | -62.15 | 1.39 | 5.65 | H |
| | 1408 | -64.32 | -13 | -51.32 | -74.31 | -66.03 | 0.87 | 4.73 | V |
| | 2112 | -60.60 | -13 | -47.60 | -76.27 | -61.52 | 1.17 | 4.24 | V |
| | 2816 | -59.36 | -13 | -46.36 | -76.82 | -61.47 | 1.39 | 5.65 | V |
| Middle | 1415 | -64.57 | -13 | -51.57 | -74.48 | -66.32 | 0.87 | 4.77 | H |
| | 2122 | -62.07 | -13 | -49.07 | -76.00 | -63.01 | 1.17 | 4.27 | H |
| | 2830 | -60.43 | -13 | -47.43 | -76.99 | -62.55 | 1.39 | 5.66 | H |
| | 1415 | -64.57 | -13 | -51.57 | -74.40 | -66.32 | 0.87 | 4.77 | V |
| | 2122 | -59.58 | -13 | -46.58 | -76.00 | -60.52 | 1.17 | 4.27 | V |
| | 2830 | -58.89 | -13 | -45.89 | -76.80 | -61.01 | 1.39 | 5.66 | V |
| Highest | 1422 | -64.58 | -13 | -51.58 | -74.66 | -66.37 | 0.88 | 4.82 | H |
| | 2133 | -62.52 | -13 | -49.52 | -76.46 | -63.49 | 1.18 | 4.30 | H |
| | 2844 | -60.38 | -13 | -47.38 | -76.87 | -62.51 | 1.40 | 5.68 | H |
| | 1422 | -64.34 | -13 | -51.34 | -74.49 | -66.13 | 0.88 | 4.82 | V |
| | 2133 | -60.61 | -13 | -47.61 | -76.23 | -61.58 | 1.18 | 4.30 | V |
| | 2844 | -59.34 | -13 | -46.34 | -76.92 | -61.47 | 1.40 | 5.68 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



| LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0 | | | | | | | | | |
|---|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1408 | -64.57 | -13 | -51.57 | -74.61 | -66.28 | 0.87 | 4.73 | H |
| | 2112 | -62.06 | -13 | -49.06 | -75.97 | -62.98 | 1.17 | 4.24 | H |
| | 2816 | -59.99 | -13 | -46.99 | -76.42 | -62.10 | 1.39 | 5.65 | H |
| | 1408 | -64.50 | -13 | -51.50 | -74.60 | -66.21 | 0.87 | 4.73 | V |
| | 2112 | -60.90 | -13 | -47.90 | -75.96 | -61.82 | 1.17 | 4.24 | V |
| | 2816 | -59.36 | -13 | -46.36 | -76.86 | -61.47 | 1.39 | 5.65 | V |
| Middle | 1410 | -64.49 | -13 | -51.49 | -74.34 | -66.21 | 0.87 | 4.74 | H |
| | 2115 | -62.11 | -13 | -49.11 | -75.91 | -63.03 | 1.17 | 4.25 | H |
| | 2820 | -60.48 | -13 | -47.48 | -76.90 | -62.59 | 1.39 | 5.66 | H |
| | 1410 | -64.37 | -13 | -51.37 | -74.52 | -66.09 | 0.87 | 4.74 | V |
| | 2115 | -60.60 | -13 | -47.60 | -76.15 | -61.52 | 1.17 | 4.25 | V |
| | 2820 | -59.32 | -13 | -46.32 | -76.91 | -61.43 | 1.39 | 5.66 | V |
| Highest | 1412 | -64.70 | -13 | -51.70 | -74.56 | -66.43 | 0.87 | 4.75 | H |
| | 2118 | -62.39 | -13 | -49.39 | -76.31 | -63.32 | 1.17 | 4.25 | H |
| | 2824 | -60.16 | -13 | -47.16 | -76.70 | -62.28 | 1.39 | 5.66 | H |
| | 1412 | -64.63 | -13 | -51.63 | -74.57 | -66.36 | 0.87 | 4.75 | V |
| | 2118 | -60.16 | -13 | -47.16 | -75.69 | -61.09 | 1.17 | 4.25 | V |
| | 2824 | -59.06 | -13 | -46.06 | -76.84 | -61.18 | 1.39 | 5.66 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.